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# METEOROLOGICAL REPORT

FOR THE YEARS 1927 - 1930

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1948  
1927/1930*

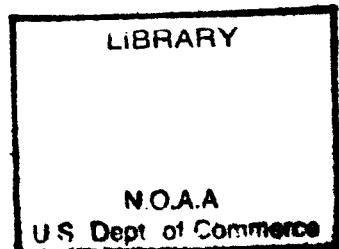


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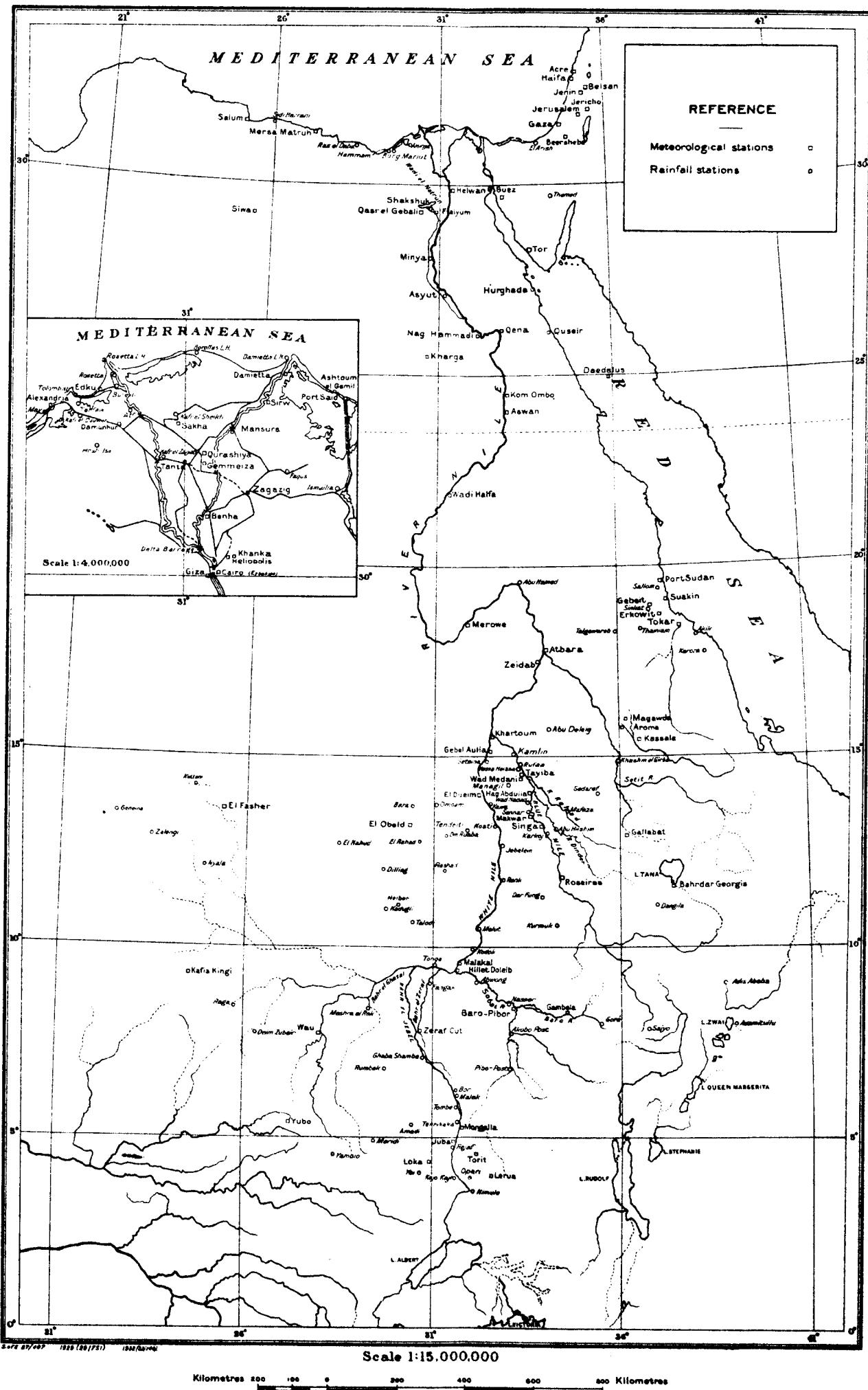
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**PHYSICAL DEPARTMENT**  
**MAP SHOWING METEOROLOGICAL AND RAINFALL STATIONS**



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## Preface.

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During and shortly after the Great War considerable congestion arose in the Government Press, and the printing of the Annual Meteorological Reports fell seriously in arrears. This was accentuated by the publication in 1922 of "Climatological Normals for Egypt and the Sudan." The publication of the Annual Reports eventually became nearly six years in arrears. The lapse of so long a time between the taking of meteorological observations and their publication for general use being very undesirable it has been considered advisable to make up ground by the omission of a part of the information such as has been included in previous Annual Reports. It has accordingly been decided to issue the Reports for the years 1927-1930 in an abridged form in a single volume of little more than the size of the usual Report for one year. It is hoped to return in the Report for 1931 to the fuller form of the earlier Reports.

*May, 1932.*

H. E. HURST.  
*Director General,  
Physical Department.*

# Introduction and Explanation of the Tables.

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## Part I

### HELWAN OBSERVATORY.

The first part of the report contains the observations made at Helwan Observatory, which is the first order station for Egypt. The geographical coordinates are:—

Latitude ... ... ... ... ... ...  $29^{\circ} 51' 31''$  1 N.

Longitude ... ... ... ... ... ...  $2^{\text{h}} 05^{\text{m}} 21^{\text{s}}$  87 E.

Altitude ... ... ... ... ... ...  $115.6$  m.

The latitude and longitude refer to the transit pillar and the altitude to the standard barometer.

As explained in the Preface a summary report only for the four years 1927–1930 is being published in an effort to overcome the arrears due to accumulations of work at the Government Press. It is hoped to resume the reports in full from 1931 onwards.

#### *Meteorology.*

The tables giving the daily values of the meteorological elements have been omitted and the hourly deviations have been reduced and are given for eight hours only instead of twenty-four. The hours were chosen so as to include the synoptic hours 8 h., 14 h., and 20 h.

In computing the hourly deviations, allowance has been made for non-cyclic variation. The computation of the resultant wind direction for each day of the month and for each of the 24 hours for each month has been discontinued.

Monthly summaries for the four years are given for all elements observed, the monthly means of those elements, for which hourly deviations are given, being included although already shown in the previous tables, so as to bring all these monthly means together into one table.

The values at the synoptic hours are not included for those elements, of which the values at any hour can be obtained from the tables of hourly deviations.

Hourly values as obtained from the self-recording instruments are tabulated at the Observatory and every effort will be made to supply more detailed information than can be obtained from this report, to anyone requiring it for the purposes of research.

The report contains no observations of solar radiation, upper winds or of seismology. Monthly mean values of the amount of radiation received at the earth's surface through a constant air mass are published every few years in the bulletins of the Observatory. The observations of the upper winds taken at 8 h. every day are published in the Daily Weather Report and it has been decided to omit these altogether from this summary report.

A summary of the observations during the period 1920–1923 is included in Physical Department Paper No. 17: "The Upper Currents of the Atmosphere in Egypt and the Sudan." A further analysis of the ascents at Helwan during the period 1920–1928 is given in Physical Department Paper No. 27: "Upper Winds at Cairo and Khartoum" by Sutton.

Monthly reports giving the details of all earthquakes recorded are circulated to about twenty observatories. They are also published periodically in the International Seismological Summary. In addition when a large earthquake is recorded, the details are broadcast from the wireless station at Abu Zaabal along with the daily meteorological message. Photographic reductions of the records of very large earthquakes are also sent to the President of the Seismological Section of the International Union of Geodesy and Geophysics.

#### *Terrestrial Magnetism.*

In the same way as for the Meteorological observations the tables giving the daily mean values of the elements are omitted and the hourly deviations are only given for 8 hours, and for the recorded values only, i.e. Horizontal Intensity, Vertical Intensity and Declination. In computing the mean daily values from which the hourly deviations are obtained, allowance has been made for non-cyclic variation. Disturbed days with a range of more than 100 γ in H. are not included in determining hourly deviations.

The table of mean monthly values of the elements including the northerly component, westerly component and total intensity is retained, as also the descriptions of the principal magnetic disturbances.

Hourly values of declination, horizontal intensity and vertical intensity are filed at the Observatory and more detailed information, than included in the report, can be obtained on application.

*Instruments.*

*Pressure.*—A Sprung-Fuess barograph, scale value 5mms. = 1 mm. of mercury, standardised by comparison with a Fuess station barometer which has itself been compared with a normal barometer. A Dines self-recording barometer has been used on the few occasions of failure of the Sprung-Fuess.

*Temperature and Humidity.*—Richard thermographs with a scale of 5 millimetres to 1°C, separate instruments being used as Dry Bulb and Wet Bulb, controlled by eye readings in the screen taken five times a day.

*Wind.*—A Kew pattern 9-inch cup anemograph, the height of the cups being twenty metres above ground level. The factor 2·2 is used in the reduction.

Observations of upper winds are made daily at 8 hours by means of pilot balloons. Generally a single theodolite is used and a uniform rate of rise is assumed, the formula employed being :—

$$V=84 \frac{L^{\frac{1}{4}}}{(L+W)^{\frac{1}{4}}}$$

where  $W$ =Weight in grammes, and is about 20.

$L$ =Lift in grammes, and is about 50.

$V$ =Rate of rise in metres per minute, and is about 150.

Sometimes two theodolites and a known base (of 540, 610 or 1210 metres) are used.

*Duration of Bright Sunshine.*—A Campbell-Stokes sunshine recorder. As is usual with these instruments, even on a perfectly clear day there is a considerable interval both after sunrise and before sunset when the sun's rays are not powerful enough to burn the card. The recorded percentage of possible hours of sunshine is thus always less than the actual.\* A report on the Campbell-Stokes recorder in use is given in Physical Department Paper No. 15.

*Evaporation.*—A Piche evaporimeter in a double-louvred screen. Experiments have been made (see "Evaporation in Egypt and the Sudan," Survey Department Paper No. 15 by B. F. E. Keeling) connecting such measures of evaporation with the evaporation from open surfaces of water under various conditions. Further comparisons have been carried out for some years in Egypt and the Sudan and are published in "The Nile Basin" Volume I, by Hurst and Phillips.†

*Rainfall.*—Self-recording raingauge by Negretti and Zambra and ordinary raingauge, both cylindrical with catchment area of 200 s.q. cms., the rims being 1 metre above the ground.

*Exposure of Instruments.*—The standard instruments are exposed in double-louvred screens of the Egyptian pattern, similar to those used in the second and third order stations in Egypt, except that the latter are rather smaller and in most cases single-louvred. For a comparison of temperature reading taken in the screen with those taken by means of an Assmann ventilated psychrometer, see Introduction to the Meteorological Report for 1920.

*Terrestrial Magnetism.*—A set of Watson magnetographs standardised by absolute observations with an Elliot magnetometer and a Dover dip circle. Several comparisons have been made between the Helwan standard, as determined by these two instruments, and those of Kew and the Carnegie Institution of Washington. For an account of these, see "Magnetic Survey of Egypt and Sudan." Survey Department Paper No. 33, by H. E. Hurst. A list showing the magnetic character of each day is sent quarterly to the International Commission on Terrestrial Magnetism. A discussion of the Helwan Standard of Horizontal Force is contained in Helwan Observatory Bulletin No. 35 now in the press.

*Seismology.*—A Milne-Shaw seismograph has been in use since November 1921, replacing the two Milne seismographs which had been used previously. This instrument consists of a horizontal pendulum with a period of 12 seconds with magnetic damping. The damping ratio is adjusted to be 20 to 1, and the magnification is 250, corresponding to a displacement of 43·5 millimetres on the paper

\* See also Meteorological Office, London, Professional Notes No. 58.

† Cairo Government Press, 1931. Physical Department Paper No. 26.

for a tilt of one second of arc. The time is controlled by the Mean Time clock of the Observatory which operates an electric cut-out every minute, the duration of the signal being two seconds. The time-scale on the paper is about 8 millimetres to one minute.

*General.*—All the times in this part of the report are Helwan local time, which is two hours and five minutes fast on Greenwich mean time.

A detailed analysis of observations extending over seventeen years is contained in Physical Department Paper No. 20: "The Climate of Helwan.", by SUTTON.

P. A. CURRY,  
*Director, Helwan Observatory.*

*May, 1932.*

## STANDARD PRESSURE

(In Millimetres).

1927-1930.

The pressures published are Standard Pressures, *i.e.* they have been reduced to 0°C. and mean gravity, the correction which has been applied for reduction to mean gravity being —1·00 mm.

The height of the barometer above sea-level is 115·6 metres, and the following are the mean corrections for each month to be applied to reduce to pressures at sea-level :—

MONTH.	ALTITUDE CORRECTION.			
	1927	1928	1929	1930
January ... ... ... ... ... ... ... ...	+ 10·40	+ 10·32	+ 10·43	+ 10·41
February ... ... ... ... ... ... ...	+ 10·41	+ 10·37	+ 10·35	+ 10·35
March ... ... ... ... ... ... ...	+ 10·21	+ 10·23	+ 10·26	+ 10·21
April ... ... ... ... ... ... ...	+ 10·08	+ 9·96	+ 10·11	+ 9·99
May ... ... ... ... ... ... ...	+ 9·87	+ 9·85	+ 9·80	+ 9·94
June ... ... ... ... ... ... ...	+ 9·77	+ 9·81	+ 9·79	+ 9·77
July ... ... ... ... ... ... ...	+ 9·70	+ 9·76	+ 9·78	+ 9·72
August ... ... ... ... ... ... ...	+ 9·72	+ 9·72	+ 9·74	+ 9·74
September ... ... ... ... ... ... ...	+ 9·83	+ 9·83	+ 9·81	+ 9·84
October ... ... ... ... ... ... ...	+ 9·90	+ 9·99	+ 10·01	+ 9·97
November ... ... ... ... ... ... ...	+ 10·09	+ 10·12	+ 10·10	+ 10·17
December ... ... ... ... ... ... ...	+ 10·26	+ 10·33	+ 10·35	+ 10·21

## STANDARD PRESSURE.

(Millimetres.)

## DEVIATION FROM MONTHLY MEANS FOR EVERY THREE HOURS.

MONTH.	1927.									1928.								
	HOURS OF OBSERVATIONS.									HOURS OF OBSERVATIONS.								
	2	5	8	11	14	17	20	23	Mean of Month.	2	5	8	11	14	17	20	23	Mean of Month.
January	—0·10	—0·24	+0·55	+0·75	—0·71	—0·59	+0·10	+0·20	53·83	+0·04	—0·23	+0·63	+0·74	—0·74	—0·71	+0·11	+0·18	53·36
February	+0·02	—0·24	+0·58	+0·74	—0·60	—0·66	+0·02	+0·20	53·28	—0·20	—0·34	+0·51	+0·68	—0·64	—0·60	+0·27	+0·36	53·21
March	+0·07	—0·14	+0·66	+0·67	—0·52	—0·50	—0·15	+0·3	52·03	+0·14	—0·17	+0·72	+0·80	—0·53	—0·96	—0·19	+0·23	51·60
April	+0·02	—0·16	+0·62	+0·61	—0·47	—0·97	—0·16	+0·50	49·62	+0·03	—0·08	+0·71	+0·58	—0·59	—1·01	—0·11	+0·49	49·65
May	+0·09	+0·08	+0·73	+0·51	—0·47	—1·08	—0·32	+0·3	49·10	—0·05	—0·14	+0·73	+0·56	—0·36	—0·99	—0·23	+0·39	49·14
June	+0·02	+0·07	+0·59	+0·44	—0·41	—0·94	—0·27	+0·4	47·93	+0·13	+0·13	+0·68	+0·46	—0·47	—1·09	—0·31	+0·47	47·17
July	+0·15	+0·22	+0·68	+0·47	—0·47	—1·07	—0·37	+0·3	45·85	+0·08	+0·17	+0·70	+0·50	—0·40	—1·10	—0·30	+0·39	46·27
August	+0·02	+0·01	+0·51	+0·49	—0·30	—0·89	—0·18	+0·1	46·71	—0·01	+0·01	+0·59	+0·50	—0·41	—0·90	—0·16	+0·40	46·44
September	+0·06	+0·03	+0·62	+0·39	—0·63	—0·84	—0·04	+0·4	48·56	—0·07	0·00	+0·58	+0·34	—0·63	—0·74	+0·09	+0·34	49·46
October	—0·01	—0·10	+0·56	+0·37	—0·71	—0·72	+0·23	+0·3	51·25	+0·06	+0·05	+0·70	+0·44	—0·81	—0·85	+0·10	+0·41	51·31
November	—0·03	—0·10	+0·63	+0·46	—0·76	—0·69	+0·14	+0·34	52·62	+0·01	—0·15	+0·66	+0·50	—0·70	—0·64	+0·04	+0·22	52·05
December	—0·05	—0·19	+0·58	+0·66	—0·71	—0·65	+0·08	+0·23	52·71	—0·10	0·31	+0·46	+0·61	—0·73	—0·47	+0·08	+0·29	53·24
Mean	+0·02	—0·06	+0·61	+0·55	—0·57	—0·83	—0·08	+0·37	50·29	+0·01	—0·09	+0·64	+0·57	—0·59	—0·84	—0·05	+0·35	50·24

MONTH.	1929.									1930.								
	HOURS OF OBSERVATIONS.									HOURS OF OBSERVATIONS.								
	2	5	8	11	14	17	20	23	Mean of Month.	2	5	8	11	14	17	20	23	Mean of Month.
January	+0·15	—0·08	+0·63	+0·66	—0·80	—0·65	0·00	+0·04	54·00	—0·06	—0·29	+0·53	+0·71	—0·61	—0·55	+0·08	+0·09	53·25
February	—0·08	—0·20	+0·75	+0·72	—0·67	—0·70	+0·01	+0·20	50·10	—0·13	—0·15	+0·66	+0·80	—0·67	—0·72	+0·01	+0·27	52·81
March	+0·04	—0·09	+0·75	+0·64	—0·64	—0·93	—0·10	+0·30	51·86	+0·11	—0·09	+0·66	+0·75	—0·54	—0·85	—0·20	+0·23	51·39
April	—0·06	—0·14	+0·70	+0·63	—0·43	—0·80	—0·12	+0·43	50·52	—0·27	—0·39	+0·55	+0·66	—0·34	—0·77	+0·07	+0·46	48·91
May	—0·09	—0·12	+0·67	+0·53	—0·21	—0·83	—0·20	+0·35	47·87	—0·01	+0·06	+0·66	+0·53	—0·52	—1·05	—0·25	+0·53	50·06
June	+0·08	+0·14	+0·62	+0·43	—0·56	—1·06	—0·22	+0·48	48·17	+0·02	+0·12	+0·69	+0·47	—0·39	—0·97	—0·31	+0·30	48·00
July	0·00	+0·16	+0·74	+0·55	—0·46	—1·00	—0·29	+0·27	46·78	—0·06	+0·07	+0·66	+0·49	—0·38	—0·99	—0·27	+0·41	45·94
August	+0·04	+0·04	+0·54	+0·36	—0·51	—0·92	—0·14	+0·45	46·64	+0·06	+0·09	+0·60	+0·35	—0·47	—0·90	—0·15	+0·41	46·91
September	+0·03	+0·02	+0·51	+0·34	—0·63	—0·84	+0·12	+0·47	48·99	—0·05	—0·01	+0·62	+0·44	—0·58	—0·80	0·00	+0·38	49·30
October	+0·03	—0·01	+0·63	+0·45	—0·76	—0·78	+0·07	+0·37	51·57	—0·07	—0·08	+0·63	+0·51	—0·71	—0·73	+0·09	+0·36	51·55
November	+0·05	—0·04	+0·70	+0·44	—0·84	—0·66	+0·10	+0·30	51·62	—0·01	—0·15	+0·68	+0·62	—0·68	—0·69	+0·09	+0·31	53·71
December	—0·09	—0·28	+0·48	+0·55	—0·63	—0·51	+0·15	+0·31	52·42	—0·26	—0·44	+0·58	+0·63	—0·56	—0·41	+0·16	+0·28	52·25
Mean	+0·01	—0·04	+0·65	+0·53	—0·60	—0·81	—0·05	+0·35	50·04	—0·06	—0·10	+0·63	+0·58	—0·54	—0·79	—0·06	+0·34	50·34

## TEMPERATURE (°C.)

DEVIATION FROM MONTHLY MEANS FOR EVERY THREE HOURS.

MONTH.	1927.									1928.								
	HOURS OF OBSERVATIONS.									HOURS OF OBSERVATIONS.								
	2	5	8	11	14	17	20	23	Mean of Month.	2	5	8	11	14	17	20	23	Mean of Month.
January ... ... ... ...	-2°40	-3°69	-3°58	+1°67	+4°97	+3°69	+0°65	-1°42	13°18	-2°59	-3°24	-2°94	+1°89	+4°31	+3°25	+0°66	-1°10	14°98
February ... ... ... ...	-2°68	-3°45	-3°06	+2°10	+4°43	+3°47	+0°61	-1°08	12°59	-2°08	-3°39	-3°03	+1°95	+4°16	+2°80	+0°40	-1°19	13°53
March ... ... ... ...	-3°69	-4°89	-3°45	+3°03	+5°62	+4°95	+0°90	-2°02	17°50	-3°54	-4°46	-3°25	+2°72	+5°18	+4°58	+0°76	-1°93	16°98
April ... ... ... ...	-4°20	-5°11	-2°40	+3°25	+5°52	+4°88	+0°70	-2°45	20°42	-4°57	-6°16	-3°52	+3°77	+6°56	+5°53	+0°78	-2°58	24°04
May ... ... ... ...	-4°95	-6°66	-3°19	+3°48	+6°41	+5°98	+1°46	-2°51	26°26	-5°13	-6°56	-2°75	+3°82	+6°68	+6°14	+1°13	-2°91	27°22
June ... ... ... ...	-5°31	-6°88	-3°46	+2°65	+5°53	+5°67	+1°78	-2°40	28°31	-5°50	-6°95	-3°35	+2°92	+6°38	+6°55	+2°14	-2°29	27°00
July ... ... ... ...	-4°73	-6°41	-3°74	+2°52	+6°01	+6°01	+2°08	-1°82	29°41	-4°87	-6°40	-3°84	+2°00	+6°06	+6°48	+2°20	-1°86	28°01
August ... ... ... ...	-4°08	-5°69	-3°13	+2°32	+5°19	+5°28	+2°02	-1°70	28°90	-4°59	-6°03	-3°40	+2°71	+5°99	+5°82	+1°91	-2°11	29°31
September ... ... ... ...	-3°75	-5°04	-2°76	+2°78	+5°29	+4°45	+1°21	-1°92	26°49	-3°83	-5°31	-2°53	+2°98	+5°35	+4°51	+1°15	-2°01	26°94
October ... ... ... ...	-3°24	-4°34	-2°42	+3°54	+5°56	+3°73	-0°17	-2°37	25°83	-3°20	-4°21	-2°13	+2°90	+4°95	+3°71	+0°32	-2°01	23°25
November ... ... ... ...	-2°59	-3°32	-2°00	+2°76	+4°63	+2°62	-0°24	-1°91	20°74	-2°58	-3°53	-2°86	+2°32	+4°85	+3°07	+0°30	-1°56	19°90
December ... ... ... ...	-2°72	-3°52	-2°88	+2°52	+4°85	+3°08	+0°31	-1°48	16°30	-2°28	-3°56	-2°80	+2°11	+4°54	+2°74	+0°46	-1°00	14°89
Mean ... ... ... ...	-3°70	-4°92	-3°01	+2°72	+5°33	+4°48	+0°95	-1°93	22°17	-3°74	-5°00	-3°04	+2°68	+5°42	+4°61	+1°02	-1°88	22°17

MONTH.	1929.									1930								
	HOURS OF OBSERVATIONS.									HOURS OF OBSERVATIONS.								
	2	5	8	11	14	17	20	23	Mean of Month.	2	5	8	11	14	17	20	23	Mean of Month.
January ... ... ... ...	-2°38	-3°54	-3°11	+1°73	+4°68	+3°54	+0°61	-1°13	12°33	-2°00	-2°95	-2°64	+1°17	+3°65	+3°01	+0°66	-0°92	12°69
February ... ... ... ...	-2°89	-4°27	-3°41	+2°31	+4°84	+4°10	+0°56	-1°31	13°45	-2°79	-3°85	-3°15	+1°87	+4°72	+3°59	+0°63	-1°04	14°12
March ... ... ... ...	-3°65	-4°72	-2°85	+2°72	+5°30	+4°47	+0°76	-1°89	16°06	-3°85	-5°03	-3°47	+2°85	+5°63	+4°90	+1°12	-1°88	17°52
April ... ... ... ...	-4°96	-5°71	-2°74	+3°52	+6°26	+5°53	+0°81	-2°47	20°18	-3°87	-5°04	-2°94	+2°81	+5°39	+4°83	+0°93	-1°77	22°85
May ... ... ... ...	-5°05	-6°60	-2°81	+4°15	+6°21	+5°76	+0°73	-2°73	28°09	-5°12	-6°40	-2°42	+3°93	+6°37	+5°82	+0°79	-2°93	25°03
June ... ... ... ...	-5°10	-6°65	-2°23	+3°34	+6°15	+5°87	+1°12	-2°84	27°78	-4°53	-6°12	-3°25	+3°05	+5°67	+5°59	+1°59	-2°16	28°38
July ... ... ... ...	-4°37	-5°97	-3°25	+2°13	+5°64	+5°85	+2°04	-1°85	27°52	-4°71	-6°57	-3°14	+2°48	+5°83	+6°06	+1°94	-1°97	28°88
August ... ... ... ...	-3°96	-5°43	-2°98	+2°04	+5°35	+5°32	+1°67	-1°97	28°27	-4°23	-5°68	-3°19	+2°43	+5°62	+5°46	+1°88	-2°06	28°33
September ... ... ... ...	-4°23	-4°99	-2°41	+3°78	+5°82	+4°51	+0°25	-2°76	27°62	-3°81	-5°07	-2°80	+2°68	+5°34	+4°58	+1°13	-1°81	26°67
October ... ... ... ...	-3°51	-4°38	-1°94	+2°93	+5°14	+3°78	+0°22	-2°02	22°69	-3°28	-4°38	-2°50	+3°10	+5°07	+3°72	+0°43	-1°98	24°03
November ... ... ... ...	-2°61	-3°59	-2°36	+2°85	+4°68	+2°67	-0°01	-1°78	20°09	-2°58	-3°50	-2°14	+2°50	+4°41	+2°83	+0°14	-1°72	19°20
December ... ... ... ...	-1°95	-2°86	-2°42	+1°33	+3°76	+2°58	+0°58	-1°01	13°71	-1°70	-2°81	-2°89	+1°70	+3°87	+2°40	+0°21	-1°9	17°54
Mean ... ... ... ...	-3°72	-4°89	-2°71	+2°74	+5°32	+4°50	+0°78	-1°98	21°48	-3°54	-4°78	-2°88	+2°56	+5°13	+4°40	+0°96	-1°78	22°10

## RELATIVE HUMIDITY (%).

DEVIATION FROM MONTHLY MEANS FOR EVERY THREE HOURS.

MONTH.	1927.										1928.									
	HOURS OF OBSERVATIONS.										HOURS OF OBSERVATIONS.									
	2	5	8	11	14	17	20	23	Mean of Month.	2	5	8	11	14	17	20	23	Mean of Month.		
January	+	9	+19	+14	-6	-23	-16	-3	+3	58	+14	+17	+12	-10	-21	-15	-4	+6	60	
February	+	15	+20	+16	-13	-25	-20	-4	+2	60	+13	+20	+14	-11	-21	-15	-3	+7	60	
March	+	20	+27	+15	-18	-28	-25	-7	+11	55	+17	+21	+14	-14	-23	-21	-4	+12	50	
April	+	22	+26	+8	-16	-25	-23	-8	+11	45	+17	+21	+12	-13	-20	-18	-6	+8	37	
May	+	21	+30	+11	-15	-23	-22	-9	+8	40	+18	+23	+9	-13	-21	-20	-8	+8	36	
June	+	22	+32	+13	-14	-24	-25	-13	+6	44	+26	+35	+14	-15	-25	-26	-14	+6	46	
July	+	21	+32	+18	-11	-24	-25	-12	+4	49	+24	+30	+18	-10	-26	-28	-11	+6	50	
August	+	19	+27	+15	-10	-22	-23	-12	+7	50	+21	+27	+17	-12	-26	-26	-14	+8	48	
September	+	21	+27	+14	-17	-25	-22	-8	+7	58	+19	+27	+13	-15	-24	-21	-8	+9	54	
October	+	14	+18	+10	-14	-22	-17	-1	+11	52	+18	+22	+11	-15	-25	-20	-5	+10	60	
November	+	14	+17	+9	-13	-21	-15	-2	+9	62	+11	+13	+13	-8	-20	-14	-3	+7	53	
December	+	12	+16	+10	-12	-21	-15	-3	+7	58	+8	+12	+7	-8	-16	-8	-2	+4	50	
Mean	...	+18	+25	+13	-13	-23	-20	-6	+8	52	+18	+23	+13	-12	-22	-19	-6	+8	50	

MONTH.	1929.										1930.									
	HOURS OF OBSERVATIONS.										HOURS OF OBSERVATIONS.									
	2	5	8	11	14	17	20	23	Mean of Month.	2	5	8	11	14	17	20	23	Mean of Month.		
January	+	13	+18	+14	-9	-24	-20	-4	+7	63	+11	+15	+12	-5	-20	-16	-4	+5	68	
February	+	13	+19	+12	-10	-17	-16	-2	+6	47	+12	+16	+10	-9	-20	-15	-2	+6	53	
March	+	17	+20	+12	-13	-23	-19	-4	+8	49	+19	+23	+14	-14	-24	-22	-8	+10	51	
April	+	19	+22	+9	-15	-22	-18	-5	+9	44	+15	+19	+12	-10	-17	-17	-6	+6	39	
May	+	16	+20	+10	-12	-16	-16	-5	+8	31	+18	+24	+8	-14	-20	-18	-4	+10	37	
June	+	20	+20	+8	-15	-22	-22	-8	+9	42	+17	+22	+15	-12	-20	-21	-10	+7	41	
July	+	21	+28	+17	-10	-24	-25	-12	+6	49	+21	+31	+15	-13	-25	-26	-14	+6	48	
August	+	20	+27	+14	-11	-25	-25	-10	+8	55	+21	+28	+16	-12	-25	-24	-12	+9	53	
September	+	20	+21	+11	-17	-22	-19	-2	+13	50	+19	+24	+14	-13	-25	-22	-9	+8	56	
October	+	18	+21	+8	-14	-23	-19	-3	+10	53	+15	+18	+11	-13	-20	-17	-3	+9	54	
November	+	15	+20	+14	-15	-24	-16	-2	+9	66	+12	+16	+10	-11	-21	-15	-1	+7	62	
December	+	9	+13	+10	-4	-17	-13	-3	+6	70	+5	+12	+13	-7	-17	12	-1	+4	63	
Mean	...	+16	+21	+11	-12	-22	-19	-5	+8	52	+16	+21	+13	-11	-21	-19	-6	+7	52	

## VAPOUR PRESSURE.

(Millimetres.)

## DEVIATION FROM MONTHLY MEANS FOR EVERY THREE HOURS.

MONTH.	1927.										1928.									
	HOURS OF OBSERVATIONS.										HOURS OF OBSERVATION.									
	2	5	8	11	14	17	20	23	Mean of Month.	2	5	8	11	14	17	20	17	Mean of Month.		
January ... ... ... ...	+0.12	+0.44	+0.07	+0.14	-0.90	-0.38	+0.14	-0.04	6.37	+0.60	+0.49	+0.13	-0.28	-0.92	-0.47	-0.09	+0.28	7.31		
February ... ... ... ...	+0.54	+0.71	+0.57	-0.26	-1.21	-0.85	+0.02	+0.04	6.11	+0.50	+0.63	+0.32	-0.43	-0.83	-0.57	+0.03	+0.33	6.66		
March ... ... ... ...	+1.18	+1.31	+0.82	-0.95	-2.05	-1.60	+0.08	+1.01	7.53	+0.89	+0.84	+0.70	-0.62	-1.51	-1.33	+0.08	+0.99	6.65		
April ... ... ... ...	+1.76	+1.68	+0.81	-1.09	-2.23	-2.12	-0.30	+1.27	7.13	+1.23	+1.17	+1.13	-0.91	-1.78	-1.52	-0.06	+0.97	6.76		
May ... ... ... ...	+2.15	+3.06	+1.52	-1.67	-2.76	-2.80	-0.55	+1.31	8.80	+1.75	+1.79	+1.45	-1.04	-2.45	-2.21	-0.45	+1.08	8.10		
June ... ... ... ...	+2.55	+3.10	+1.87	-1.10	-3.12	-3.38	-1.30	+1.40	10.92	+2.81	+3.19	+2.06	-1.27	-3.00	-3.34	-1.35	+1.02	10.82		
July ... ... ... ...	+2.55	+3.24	+2.85	-0.75	-3.50	-3.82	-1.42	+0.92	12.76	+2.62	+2.55	+2.28	-0.27	-3.45	-3.88	-0.48	+1.24	12.80		
August ... ... ... ...	+2.16	+2.35	+2.06	-0.61	-2.82	-3.00	-1.36	+1.20	13.84	+2.76	+2.54	+2.52	-0.78	-3.61	-3.82	-1.50	+1.77	13.03		
September ... ... ... ...	+2.15	+2.13	+1.56	-1.62	-2.74	-2.01	-0.47	+1.33	14.03	+1.85	+2.08	+1.87	-1.32	-2.70	-2.16	-0.49	+1.21	13.42		
October ... ... ... ...	+1.21	+1.03	+0.94	-0.82	-2.12	-1.61	+0.20	+1.26	11.90	+1.48	+1.32	+1.05	-0.96	-2.08	-1.60	-0.17	+1.08	12.06		
November ... ... ... ...	+0.91	+0.91	+0.50	-0.44	-1.36	-1.05	-0.14	+0.60	10.88	+0.74	+0.44	+0.80	+0.02	-1.33	-0.89	-0.05	+0.63	8.72		
December ... ... ... ...	+0.39	+0.41	+0.11	-0.37	-0.97	-0.46	+0.04	+0.43	7.70	+0.06	+0.08	-0.06	-0.11	-0.34	+0.21	+0.03	+0.14	6.01		
Mean ... ... ... ...	+1.47	+1.69	+1.14	-0.80	-2.16	-1.93	-0.43	+0.90	9.85	+1.44	+1.43	+1.20	-0.66	-2.00	-1.81	-0.37	+0.90	9.36		

MONTH.	1929.										1930.									
	HOURS OF OBSERVATIONS.										HOURS OF OBSERVATIONS.									
	2	5	8	11	14	17	20	23	Mean of Month.	2	5	8	11	14	17	20	23	Mean of Month.		
January ... ... ... ...	+0.42	+0.41	+0.25	-0.07	-0.87	-0.80	+0.09	+0.52	6.50	+0.34	+0.22	+0.05	+0.05	-0.74	-0.46	+0.08	+0.28	7.19		
February ... ... ... ...	+0.40	+0.53	+0.32	-0.34	-0.74	-0.62	+0.20	+0.28	5.08	+0.39	+0.34	+0.07	-0.22	-0.90	-0.56	+0.29	+0.44	6.07		
March ... ... ... ...	+0.91	+0.62	+0.66	-0.63	-1.44	-0.92	+0.07	+0.60	6.06	+1.13	+0.90	+0.70	-0.63	-1.73	-1.45	-0.25	+0.98	6.84		
April ... ... ... ...	+1.22	+0.97	+0.67	-0.94	-1.62	-1.24	+0.10	+0.90	6.55	+0.95	+0.97	+1.14	-0.38	-1.39	-1.18	-0.32	+0.49	6.86		
May ... ... ... ...	+1.69	+1.53	+1.04	-1.44	-2.11	-2.16	-0.31	+1.10	7.67	+1.49	+1.65	+1.03	-1.40	-2.16	-1.77	+0.08	+1.20	7.69		
June ... ... ... ...	+1.99	+2.63	+1.35	-1.53	-2.60	-2.65	-0.34	+1.41	10.42	+1.62	+1.67	+2.40	-0.93	-2.52	-2.64	-0.90	+1.19	10.42		
July ... ... ... ...	+2.17	+2.27	+2.25	-0.56	-3.03	-3.15	-1.11	+0.85	12.37	+2.54	+2.87	+2.54	-0.96	-3.33	-3.83	-1.57	+1.29	12.82		
August ... ... ... ...	+2.22	+2.19	+1.74	-0.60	-3.02	-3.09	-0.73	+1.20	14.59	+2.16	+2.25	+2.02	-0.97	-3.12	-2.88	-1.15	+1.41	14.23		
September ... ... ... ...	+1.90	+1.36	+1.43	-1.80	-2.44	-1.87	+0.30	+1.70	12.77	+1.92	+1.69	+1.64	-0.89	-2.64	-2.07	-0.70	+1.20	13.49		
October ... ... ... ...	+1.44	+1.16	+0.74	-0.93	-2.14	-1.76	+0.07	+1.15	10.32	+0.98	+0.73	+0.86	-0.74	-1.51	-1.28	+0.03	+0.95	11.37		
November ... ... ... ...	+0.80	+0.98	+0.87	-0.66	-1.60	-1.00	-0.03	+0.60	11.15	+0.49	+0.43	+0.41	-0.06	-1.12	-0.76	+0.12	+0.38	10.08		
December ... ... ... ...	+0.13	+0.02	-0.07	+0.24	-0.32	-0.13	+0.09	+0.24	8.01	-0.11	+0.19	+0.34	+0.06	-0.50	-0.32	+0.16	+0.23	9.07		
Mean ... ... ... ...	+1.28	+1.22	+0.99	-0.77	-1.83	-1.61	-0.14	+0.81	9.29	+1.16	+1.16	+1.10	-0.59	-1.81	-1.16	-0.35	+0.83	9.68		

## WIND VELOCITY.

(Kilometres per hour.)

## DEVIATION FROM MONTHLY MEANS FOR EVERY THREE HOURS.

MONTH.	1927.									1928.								
	HOURS OF OBSERVATIONS.									HOURS OF OBSERVATIONS.								
	2	5	8	11	14	17	20	23	Mean of Month.	2	5	8	11	14	17	20	23	Mean of Month.
January	—1·2	—2·6	—3·5	—0·9	+3·4	+1·1	+1·5	+1·6	1·2	—1·8	—2·9	—4·4	+1·2	+2·6	+0·7	+1·9	+1·1	12·3
February	—2·6	—5·1	—5·3	+3·1	+6·8	+4·9	+0·5	—1·2	14·1	—4·0	—4·6	—5·1	+3·6	+7·5	+5·8	—0·7	—1·0	14·1
March	—2·3	—5·1	—6·9	+1·0	+3·8	+3·6	+3·1	+4·0	18·1	+1·4	—3·5	—6·8	—1·1	—0·8	+0·8	+5·2	+5·5	18·0
April	—5·2	—6·7	—4·9	+2·1	+3·6	+3·7	+5·7	+2·2	18·3	—4·9	—6·7	—5·4	+1·7	+2·2	+4·7	+6·5	+4·0	17·6
May	—3·1	—7·7	—5·0	—1·0	—0·1	+3·8	+6·8	+4·1	19·0	—5·1	—6·1	—3·4	+0·4	—0·3	+1·4	+8·2	+7·2	19·5
June	—4·1	—6·4	—6·3	—1·9	+2·3	+5·6	+7·7	+3·2	17·5	—4·4	—6·4	—4·5	+1·5	+2·5	+5·3	+6·1	0·0	20·2
July	—5·2	—7·3	—6·9	0·0	+3·9	+7·3	+0·2	+2·4	16·2	—6·1	—7·2	—5·4	—0·3	+2·8	+5·1	+10·8	+1·5	15·7
August	—5·1	—6·2	—4·9	—0·5	+2·3	+3·3	+5·5	+5·0	15·8	—5·2	—6·6	—5·3	+0·1	+2·3	+5·4	+7·3	+2·0	15·6
September	—6·3	—8·5	—5·3	+1·8	+4·9	+5·9	+6·4	+1·8	16·9	—6·0	—8·0	—6·2	+1·2	+5·2	+5·9	+7·0	+2·3	16·7
October	—0·1	—5·0	—8·3	—0·9	—0·7	+2·8	+7·7	+4·9	18·5	—3·7	—7·0	—5·5	0·3	+2·2	+3·5	+5·8	+3·1	18·2
November	—1·5	—3·4	—6·0	+1·9	—0·2	+1·5	+4·1	+2·3	17·9	—1·5	—3·1	—5·5	—0·2	+3·8	+2·5	+2·8	+1·9	11·9
December	—1·5	—2·2	—3·2	+1·0	+1·8	+1·1	+3·4	—1·1	10·5	—2·0	—2·2	—2·1	+3·0	+5·2	+1·4	0·0	—2·1	11·1
Mean	—3·2	—5·6	—5·6	+0·4	+2·6	+3·7	+5·1	+2·4	16·2	—3·6	—5·3	—4·9	+0·9	+2·9	+3·5	+5·1	+2·2	15·9

MONTH.	1929.									1930.								
	HOURS OF OBSERVATIONS.									HOURS OF OBSERVATIONS.								
	2	5	8	11	14	17	20	23	Mean of Month.	2	5	8	11	14	17	20	23	Mean of Month.
January	—2·5	—4·7	—3·4	+2·2	+4·5	+2·7	+2·5	0·0	12·7	—1·0	—2·1	—1·8	+1·5	+4·7	+0·1	—1·5	—0·1	11·8
February	—5·2	—5·2	—3·6	+5·0	+7·6	+4·0	—0·7	—1·6	15·2	—4·0	—5·4	—5·3	+1·7	+5·8	+5·8	+1·3	—0·4	12·4
March	—1·5	—5·5	—8·3	+1·4	+2·7	+5·1	+4·5	+2·2	16·7	—3·2	—5·5	—7·8	+0·2	+3·9	+4·7	+3·5	+4·6	13·9
April	—5·5	—5·2	—4·4	+1·5	+2·5	+4·6	+5·5	+0·6	17·3	—0·4	—5·0	—6·6	—1·1	+2·3	+2·9	+3·7	+4·2	16·4
May	—3·7	—7·2	—5·8	+1·2	+1·7	+2·5	+7·5	+4·4	17·8	—4·9	—7·6	—5·6	—0·2	+3·6	+5·2	+8·7	+2·3	18·8
June	—6·0	—10·8	—6·3	+0·4	+3·2	+6·2	+8·4	+5·4	19·4	—6·2	—9·4	—6·1	0·0	+3·8	+5·7	+8·7	+5·2	17·0
July	—3·7	—8·5	—5·8	—1·0	+3·0	+5·4	+7·6	+5·4	16·2	—3·9	—9·1	—5·8	+0·8	+2·8	+5·6	+7·6	+3·5	15·5
August	—5·0	—8·0	—5·0	+0·1	+4·2	+6·0	+6·9	+1·7	15·6	—5·7	—7·8	—4·3	+1·7	+3·8	+5·2	+7·2	+3·3	16·2
September	—0·7	—6·6	—7·0	—0·6	+2·0	+3·9	+6·6	+3·2	19·7	—4·7	—6·7	—5·1	+2·0	+4·1	+4·2	+5·6	+2·8	15·9
October	—2·5	—3·2	—2·9	+2·7	+2·4	+1·4	+2·2	+0·3	18·8	—0·4	—7·1	—6·0	—0·8	+2·6	+2·3	+4·9	+5·2	15·6
November	—1·5	—4·8	—5·2	+3·6	+3·3	+2·7	+1·3	—0·4	15·9	—1·7	—4·1	—5·4	+1·2	+2·9	+1·6	+3·4	+1·7	15·8
December	—1·2	—2·4	—2·2	+1·8	+3·6	+1·6	—0·4	—1·1	11·1	+0·3	—3·0	—5·2	+1·1	+0·4	+1·5	+2·1	+0·6	13·4
Mean	—3·3	—6·0	—5·0	+1·5	+3·4	+3·8	+4·3	+1·6	16·4	—3·0	—6·0	—5·4	+0·7	+3·4	+3·8	+4·6	+2·8	15·2

## SUMMARY OF METEOROLOGICAL

	Mean Pressure Standard (mm.)	AIR TEMPERATURE (Centigrade).							Relative Humidity % Mean.	Vapour Pressure mm. Mean.	CLOUD AMOUNT (0-10).			
		Mean.	Mean Max.	Mean Min.	Absol. Max.	Date.	Absol. Min.	Date.			8h.	14h.	20h.	Mean.
1927														
January ...	753.8	13.2	18.9	7.8	22.8	20	5.5	11	58	6.4	4.1	3.8	2.0	3.3
February	53.3	12.6	18.2	7.2	24.3	8, 21	2.8	16	60	6.1	5.3	5.1	3.6	4.7
March	52.0	17.5	24.3	10.9	30.6	29	8.1	25	55	7.5	1.4	1.3	0.7	1.1
April	49.6	20.4	27.2	13.4	35.8	20	9.3	7	45	7.1	3.1	3.4	1.4	2.6
May ..	49.1	26.3	34.1	17.9	45.5	15	13.7	2	40	8.9	1.3	1.0	0.9	1.1
June	47.9	28.3	35.4	20.1	40.7	3	16.9	9	44	10.9	0.5	0.0	0.1	0.2
July...	45.8	29.4	36.9	22.0	41.0	5	19.6	26	46	12.8	1.3	0.2	0.1	0.5
August	46.7	28.9	35.5	22.3	39.0	22	19.6	3, 5	50	13.8	1.5	0.4	0.0	0.6
September	48.6	26.5	32.8	20.5	36.2	18	18.7	30	58	14.0	1.5	0.3	0.1	0.6
October	51.2	25.8	32.3	20.2	37.1	27	16.7	31	52	12.0	1.7	2.2	0.6	1.5
November	52.6	20.7	26.3	16.0	32.2	15	12.8	30	62	10.9	2.0	2.0	1.6	2.1
December	752.7	16.4	22.1	14.1	30.4	20	6.2	28	58	7.7	2.0	3.4	2.1	2.1
YEAR ...	750.3	22.2	28.7	15.8	45.5	May 16th.	2.8	Feb. 16th.	52	9.8	2.3	2.0	1.1	1.8

## SUMMARY OF METEOROLOGICAL

	Mean Pressure Standard (mm.)	AIR TEMPERATURE (Centigrade).							Relative Humidity % Mean.	Vapour Pressure mm. Mean.	CLOUD AMOUNT (0-10).			
		Mean.	Mean Max.	Mean Min.	Absol. Max.	Date.	Absol. Min.	Date.			8h.	14h.	20h.	Mean.
1928														
January ...	753.4	15.0	20.3	10.0	29.5	31	6.9	24	60	7.3	4.9	5.2	3.2	4.4
February	53.2	13.5	19.0	8.5	30.2	1	4.0	29	60	6.7	5.3	6.4	3.3	5.0
March	51.6	17.0	23.5	10.2	33.2	27	4.0	2	50	6.6	1.8	2.3	0.8	1.6
April	49.6	24.0	31.8	15.6	44.9	24	10.1	1	37	6.8	1.9	2.3	1.9	2.0
May...	49.1	27.2	35.3	18.7	44.2	19	14.2	13	36	8.1	1.9	2.4	1.6	2.0
June	47.2	27.0	34.7	19.4	38.9	4	16.2	3	46	10.8	0.6	0.0	0.0	0.2
July ..	46.3	28.0	35.7	20.9	38.2	31	18.8	7	50	12.8	0.9	0.2	0.0	0.4
August	46.4	29.3	36.8	22.2	39.4	2, 19	20.3	15	48	13.0	0.6	0.1	0.0	0.2
September	49.5	26.9	33.3	20.8	39.1	27	18.7	16	54	13.4	1.7	0.2	0.0	0.6
October	51.3	23.2	29.0	17.7	33.2	1	15.2	12, 28, 29	60	12.1	2.1	1.8	0.5	1.5
November	52.0	19.9	25.7	14.5	32.0	14	10.2	20	53	8.7	3.0	3.3	2.2	2.8
December	753.2	14.9	20.4	9.6	25.9	1	5.9	7	50	6.1	4.9	5.4	4.4	4.9
YEAR ...	750.2	22.2	28.8	15.7	44.9	April 24th.	4.0	Feb. 29, March 2	50	9.4	2.5	2.5	1.5	2.1

## OBSERVATIONS 1927.

RAINFALL (mm.)		WIND.											ACTINOMETRIC OBSERVATIONS at 14h. (°C.)							
		Max. in one day.	Mean of Velocity Day Kms. per hour.	DIRECTION (observed at 8, 14, and 20h).										Evaporation mm. per day Picéé	DURATION OF BRIGHT SUNSHINE Hours.		Black Bulb in Vacuum		Bright Bulb in Vacuum	
				Number of Observations in which the Wind-Direction was recorded as												Actual.	Possible.	Mean.	Max.	Mean.
		N	NE	E	SE	S	SW	W	NW	Calm										
Drops	Drops	11*2	12	20*5	8*5	10	12	7*5	7	11*5	4	5*27	251*4	323*6	47*7	55*3	28*7	33*4		
2*1	1*2	14*1	17	10*5	5	4*5	11*5	5	10*5	14	6	6*48	215*1	311*2	46*2	59*2	27*8	36*7		
0*2	0*2	18*1	35*5	19	3	4*5	6*5	4*5	5	12	3	8*83	325*6	371*4	56*0	62*8	36*1	43*2		
Drops	Drops	18*3	28*5	22	3	3*5	6	3	7*5	14*5	2	11*77	314*2	386*8	56*8	64*0	38*0	45*2		
0*0	0*0	19*0	38	23*5	2	2	2*5	1	4*5	10*5	0	10*24	385*0	423*1	63*6	74*3	45*9	51*0		
0*0	0*0	17*5	38	7*5	2*5	0	1	0*5	6	34*5	0	18*62	301*5	421*2	63*0	67*8	45*0	50*0		
0*0	0*0	16*2	42	4	0	0*5	1	0*5	6	39	0	18*89	312*3	429*8	65*2	69*2	47*5	51*3		
0*0	0*0	15*8	42	12	0	0	1*5	1	6*5	30	0	14*85	381*2	499*9	65*3	69*0	46*0	50*0		
0*0	0*0	16*9	49*5	17	1	0	0	0	1*5	21	0	13*15	331*0	371*0	64*0	67*3	44*2	47*2		
Drops	Drops	18*5	27	33*5	5	1*5	1*5	1*5	3*5	14*5	5	11*25	302*2	355*3	61*5	68*2	42*4	47*5		
15*4	10*1	17*0	19*5	35	10*5	2*5	4	2	3*5	12	1	6*03	275*8	349*8	55*8	62*5	39*4	42*4		
2*8	1*0	10*5	18*5	18	13*5	8*5	7*5	8*5	4	12*5	2	5*59	248*8	317*4	49*3	58*8	31*1	39*2		
20*5	—	16*2	367*5	222*5	54	37*5	55	35	65*5	235	23	11*46	3823*0	4440*5	58*0	74*3	39*1	56*0	May 15th.	May 15th.

## OBSERVATIONS 1928.

RAINFALL (mm.)		WIND.											ACTINOMETRIC OBSERVATIONS, at 14h. (°C.)							
		Max. in one day.	Mean of Velocity Day Kms. per hour.	DIRECTED (Observed at 8, 14, and 20h).										Evaporation mm. per day Picéé	DURATION OF BRIGHT SUNSHINE Hours.		Black Bulb in Vacuum		Bright Bulb in Vacuum	
				Number of Observations in which the Wind-Direction was recorded as												Actual.	Possible.	Mean.	Max.	Mean.
		N	NE	E	SE	S	SW	W	NW	Calm										
0*6	0*3	12*3	15*5	20	10	9	8	0*5	7	10	3	5*45	222*7	323*6	45*3	55*4	28*6	33*7		
5*1	2*5	14*0	15*5	10*5	2	4*5	6	6*5	14*5	21*5	3	6*00	211*4	322*6	45*2	55*3	27*0	39*0		
0*0	0*0	18*0	28*5	21*5	9	3*5	3*5	4*5	5	15*5	2	6*13	301*8	371*4	53*8	64*2	34*2	43*8		
Drops	Drops	17*6	28*5	24	6	3	4	3*5	3	16	2	14*69	331*1	386*8	61*8	74*5	42*7	55*4		
0*0	0*0	19*5	36	10*5	5	1	1*5	3*5	0*5	20	0	16*47	354*2	423*2	64*2	72*4	45*8	54*6		
0*0	0*0	20*2	34*5	10*5	0	0	0	0*5	8	36*5	0	16*43	391*1	421*2	63*0	67*5	45*3	48*7		
0*0	0*0	15*7	17	0*5	0	0	0	1	12*5	62	0	16*21	383*2	429*8	63*8	66*0	40*2	48*4		
0*0	0*0	15*6	34	7*5	0*5	0	0	1	10*5	38*5	1	16*10	379*7	409*9	66*3	69*0	47*6	50*7		
0*0	0*0	16*7	40*5	0	0*5	0	0	0	3*5	25*5	2	12*57	334*2	371*0	64*3	67*8	44*7	48*5		
0*0	0*0	18*2	44*5	10	1*5	0*5	0*5	1	3*5	23*5	2	9*37	312*9	355*3	60*0	64*8	40*7	45*3		
0*9	0*9	11*0	12	17	3*5	0	11	4*5	7*5	15*5	10	7*35	251*9	319*8	52*4	62*0	34*0	42*0		
Drops	Drops	11*1	7*5	11	7*5	22*5	14*5	5*5	12*5	11	1	5*87	238*7	317*4	45*4	55*1	28*8	38*5		
6*6	—	15*9	323	168	45*5	53	52	41	94	295*5	26	11*30	3703*9	4452*0	57*1	74*5	38*9	55*4	April 24th	April 24th

## SUMMARY OF METEOROLOGICAL

	Mean Pressure Standard (mm.)	AIR TEMPERATURE (Centigrade).							Relative Humidity % Mean.	Vapour Pressure mm. Mean.	CLOUD AMOUNT (0-10).			
		Mean.	Mean Max.	Mean Min.	Absol. Max.	Date.	Absol. Min.	Date.			8h.	14h.	20h.	Mean.
1929														
January	754.0	12.3	18.0	7.1	25.1	3	2.9	24	63	6.5	2.4	3.4	2.8	2.0
February	50.1	13.4	19.5	7.5	27.1	27	3.5	5	47	5.1	3.8	3.2	1.9	3.0
March	51.9	16.1	22.7	9.8	31.3	7	4.5	10	49	6.1	3.9	4.1	1.7	5.2
April	50.5	20.2	27.9	12.7	40.0	30	7.9	22	44	6.6	3.4	2.9	1.6	2.6
May	47.0	28.1	35.8	19.6	43.3	5	15.5	1	31	7.7	3.1	4.8	2.2	3.4
June	48.2	27.8	37.0	20.4	40.0	25	17.2	9	42	10.4	0.8	0.7	0.4	0.6
July	46.8	27.5	34.5	20.7	38.0	10	18.4	27	49	12.4	2.2	0.0	0.0	0.7
August	46.6	28.3	34.9	21.9	37.5	18	10.2	2	55	14.6	3.2	0.3	0.0	1.2
September	49.0	27.0	34.5	21.7	42.4	27	18.1	23	50	12.8	1.6	0.8	0.2	0.9
October	51.6	22.7	28.9	16.9	34.2	27	14.2	14	53	10.3	1.5	2.7	0.7	1.6
November	51.6	20.1	25.7	15.3	30.1	11	11.8	30	66	11.2	4.2	3.3	2.8	3.4
December	752.4	13.7	18.5	9.4	25.0	4	5.6	27	70	8.0	3.6	4.7	3.5	3.9
YEAR	750.0	21.5	28.0	15.2	43.3	May 5th.	2.9	Jan. 24	52	9.3	2.8	2.6	1.5	2.3

## SUMMARY OF METEOROLOGICAL

	Mean Pressure Standard (mm.)	AIR TEMPERATURE (Centigrade).							Relative Humidity % Mean.	Vapour Pressure mm. Mean.	CLOUD AMOUNT (0-10).			
		Mean.	Mean Max.	Mean Min.	Absol. Max.	Date.	Absol. Min.	Date.			8h.	14h.	20h.	Mean.
1930														
January	753.2	12.7	17.5	8.2	22.5	29	4.3	22	68	7.2	5.4	5.9	3.8	5.0
February	52.8	14.1	19.8	8.6	24.3	10	5.4	15	53	6.1	4.0	4.9	2.5	3.8
March	51.4	17.5	24.3	10.8	32.6	20	6.2	4	51	6.8	2.5	3.4	1.5	2.5
April	48.9	22.8	30.1	16.2	40.0	18	8.5	1	39	6.9	4.2	4.2	2.3	3.6
May	50.1	25.0	32.7	16.9	41.0	3	13.3	12	37	7.7	1.0	1.2	0.7	1.0
June	48.0	28.4	35.4	20.8	44.4	11	16.8	1	41	10.4	0.7	0.7	0.0	0.5
July	45.9	25.9	36.2	21.6	41.7	5	19.1	8	48	12.8	0.6	0.3	0.0	0.3
August	46.9	28.3	35.2	21.8	37.0	3, 5, 27	20.0	30	53	14.2	1.6	0.3	0.0	0.6
September	49.3	26.7	33.2	20.6	39.5	25	17.4	21	56	13.5	1.5	1.3	0.3	1.0
October	51.6	24.0	30.2	18.4	35.5	26	15.5	31	54	11.4	2.2	2.5	1.0	1.9
November	53.7	19.2	24.7	14.6	29.7	7	12.1	27	62	10.1	3.4	3.5	1.2	2.7
December	751.2	17.5	22.8	12.9	27.4	27	10.0	30	63	9.1	5.5	5.9	4.6	5.3
YEAR	750.3	22.1	28.5	16.0	44.4	June 11	4.3	Jan. 22	52	9.7	2.7	2.8	1.5	2.4

## OBSERVATIONS 1929.

## OBSERVATIONS 1930.

## TERRESTRIAL MAGNETISM.

DEVIATIONS FROM THE MEAN OF THE MONTH FOR EVERY THREE HOURS.  
DECLINATION WESTERLY.

MONTH.	1927.										1928.									
	HOURS OF OBSERVATION.										HOURS OF OBSERVATION.									
	2	5	8	11	14	17	20	23	No. of days util.	Mean.	2	5	8	11	14	17	20	23	No. of days util.	Mean.
									O°+										O°+	
January ... ... ...	-0°4	+0°4	-0°3	0°0	+0°8	+0°8	0°0	-0°3	33°6	28	-0°3	+0°1	-1°1	+0°7	+1°5	+0°2	-0°3	-0°6	27°3	3°0
February ... ... ...	-0°5	-0°3	-1°2	+0°4	+1°0	+0°7	+0°2	0°7	33°4	27	-0°5	+0°1	-0°8	+0°1	+1°6	+0°6	-0°1	-0°7	26°0	2°0
March ... ... ...	-0°4	-0°3	-2°4	+0°2	+2°5	+0°4	+0°1	-0°6	32°6	23	-0°4	-0°1	-2°2	-1°0	+3°0	+0°6	0°0	-0°3	26°4	3°0
April ... ... ...	-0°6	-0°4	-4°2	+0°8	+4°1	+0°7	+0°2	-0°3	31°7	27	-0°7	-0°4	-3°8	+1°1	+3°7	+0°7	+0°2	-0°3	25°4	3°0
May ... ... ...	0°6	-0°9	-3°0	+1°5	+3°3	+0°8	+0°1	0°3	31°5	28	-0°7	-1°0	-3°8	+1°5	+3°6	+1°2	0°0	-0°4	25°0	2°0
June ... ... ...	-0°6	-1°2	-3°6	+1°3	+3°7	+1°1	+0°4	-0°2	30°8	29	-0°7	-0°9	-3°6	+0°4	+3°2	+1°6	+0°5	-0°3	24°3	3°0
July ... ... ...	-0°4	-1°1	-3°0	+1°8	+3°2	+0°7	+0°4	-0°2	29°6	29	-0°7	-1°2	-2°9	+0°8	+3°3	+1°2	+0°4	-0°4	23°0	2°0
August ... ... ...	-0°4	-1°1	-3°8	+2°1	+2°9	+0°3	+0°1	-0°3	29°0	28	-0°7	-1°0	-3°9	+1°6	+3°4	+0°6	+0°4	-0°2	23°3	2°8
September ... ... ...	-0°8	-0°7	-3°5	+1°9	+3°0	+0°5	-0°1	-0°6	28°7	29	-1°0	-1°2	-4°4	+2°3	+3°8	+0°8	0°0	-0°6	23°7	2°6
October ... ... ...	-0°7	-0°2	-2°8	+1°2	+2°3	+0°8	-0°3	-0°8	28°6	27	-0°7	0°0	-3°3	+1°2	+2°5	+1°3	-0°1	-0°7	21°8	2°7
November ... ... ...	-0°4	-0°1	-1°2	+0°8	+1°1	+0°8	-0°3	-0°6	27°9	29	-0°5	+0°2	-0°7	+0°7	+1°1	+1°0	-0°2	-0°9	21°7	2°7
December ... ... ...	-0°4	+0°2	-0°4	+1°1	+0°8	+0°4	-0°3	-0°7	27°2	30	-0°5	0°0	-0°6	+0°7	+0°9	+0°6	-0°2	-0°7	22°3	3°0
Mean ... ... ...	-0°5	-0°5	-2°0	+1°1	+2°4	+0°6	0°0	-0°5	30°4	334	-0°7	-0°5	-2°6	+0°8	+2°6	+0°8	0°0	-0°5	24°3	3°5

MONTH.	1929.										1930.									
	HOURS OF OBSERVATION.										HOURS OF OBSERVATION.									
	2	5	8	11	14	17	20	23	No. of days util.	Mean.	2	5	8	11	14	17	20	23	No. of days util.	Mean.
									O°+										O°+	
January ... ... ...	-0°4	+0°1	-1°0	+0°6	+1°3	+0°4	-0°1	-0°7	21°6	30	-0°5	+0°3	-0°9	+0°8	+1°1	+0°4	-0°2	-0°9	17°2	2°8
February ... ... ...	-0°6	+0°1	-1°4	-0°5	+2°1	+0°6	0°0	-0°8	20°3	25	-0°5	+0°2	-0°9	-0°1	+1°0	+0°4	-0°5	-0°7	16°3	2°7
March ... ... ...	-0°6	-0°2	-2°4	+0°6	+2°6	+0°3	-0°2	-0°5	19°8	28	-0°5	0°0	-2°0	+0°1	+2°7	+0°3	-0°3	-0°9	16°3	3°0
April ... ... ...	-0°5	-0°6	-3°4	+1°3	+3°4	+0°5	0°0	-0°5	19°9	30	-0°7	-0°5	-2°9	+1°7	+3°0	+0°5	-0°2	-0°9	14°5	2°5
May ... ... ...	-0°4	-0°9	-2°9	+2°0	+3°0	+0°5	0°0	-0°4	19°0	31	-0°9	-1°0	-2°8	+1°2	+2°0	+1°1	+0°2	-0°7	14°1	2°8
June ... ... ...	-0°5	-1°2	-3°6	+1°6	+3°1	+0°9	0°0	-0°3	18°6	30	-0°6	-0°8	-3°1	+0°4	+2°8	+1°7	+0°7	-0°2	13°9	2°7
July ... ... ...	-0°7	-1°3	-3°7	+1°4	+3°8	+0°9	+0°2	-0°2	18°1	28	-0°6	-1°0	-2°2	+0°7	+2°4	+1°0	+0°6	0°5	13°7	2°7
August ... ... ...	-0°7	-1°2	-3°7	+2°7	+3°1	+0°1	+0°2	-0°3	18°9	29	-0°8	-1°0	2°5	+1°5	+2°8	+0°6	+0°1	-0°6	14°0	2°0
September ... ... ...	-0°5	-0°7	-3°7	+2°0	+2°8	+0°3	-0°2	-0°3	18°1	30	-0°7	-0°5	-3°6	+2°0	+3°2	+0°3	-0°2	-0°5	12°7	2°5
October ... ... ...	-0°5	+0°2	-2°5	+0°3	+2°0	+0°7	-0°4	-0°5	17°2	25	-0°4	+0°2	-1°8	+0°7	+1°0	+0°5	-0°6	-0°4	12°3	2°7
November ... ... ...	-0°4	0°0	-0°9	+0°7	+1°1	+0°5	-0°4	-0°8	17°2	28	-0°4	+0°4	-0°7	+0°8	+0°9	+0°5	-0°3	-0°8	11°3	2°8
December ... ... ...	-0°8	+0°3	-0°5	+0°7	+0°9	+0°3	-0°3	-0°8	16°6	27	-0°7	+0°2	+0°6	+0°7	+0°4	+0°1	-0°6	-0°8	12°2	2°7
Mean ... ... ...	-0°6	-0°5	-2°5	+1°1	+2°4	+0°5	-0°1	-0°5	18°8	341	-0°6	-0°2	-1°9	+0°9	+2°2	+0°7	-0°1	-0°6	14°0	3°0

## TERRESTRIAL MAGNETISM.

DEVIATIONS FROM THE MEAN OF THE MONTH FOR EVERY THREE HOURS.  
HORIZONTAL INTENSITY. (Unit=0'00001 C.G.S. units).

MONTH.	1927.										1928.									
	HOURS OF OBSERVATION.										HOURS OF OBSERVATION.									
	2	5	8	11	14	17	20	23	No. of days util.	Mean.	2	5	8	11	14	17	20	23	No. of days util.	Mean.
January ... ... ...	- 6	- 3	+ 13	+ 10	+ 7	- 9	- 10	- 5	28	30016	- 3	0	+ 9	+ 2	+ 3	- 5	- 2	- 1	30	30031
February ... ... ...	- 9	- 6	+ 2	+ 18	+ 20	- 6	- 8	- 11	27	29998	- 7	- 4	+ 11	+ 15	+ 8	- 5	- 9	- 6	29	40
March ... ... ...	- 11	- 8	- 5	+ 24	+ 27	- 9	- 11	- 8	23	39000	- 11	- 7	+ 2	+ 22	+ 22	- 10	- 10	- 8	30	40
April ... ... ...	- 10	- 8	- 11	+ 21	+ 20	- 8	- 8	- 4	2	01	- 11	- 11	- 9	+ 28	+ 29	- 8	- 10	- 11	30	43
May ... ... ...	- 6	- 6	- 11	+ 17	+ 27	- 7	- 7	- 7	28	04	- 5	- 5	- 16	+ 20	+ 26	- 9	- 8	- 4	29	38
June ... ... ...	- 5	- 4	- 12	+ 13	+ 27	- 6	- 6	- 3	2	25	- 5	- 2	- 11	+ 16	+ 22	- 8	- 8	- 6	30	37
July ... ... ...	- 3	- 2	- 14	+ 8	+ 18	- 6	- 4	- 2	2	25	- 6	- 4	- 12	+ 13	+ 30	- 7	- 9	- 5	29	26
August ... ... ...	- 2	- 2	- 15	+ 4	+ 21	- 3	- 6	0	28	19	- 6	- 4	- 19	+ 8	+ 32	0	- 3	- 1	28	38
September ... ... ...	- 1	- 1	- 18	+ 2	+ 25	- 7	- 4	- 3	2	21	- 3	0	- 19	+ 3	+ 26	- 3	- 3	0	26	24
October ... ... ...	- 6	- 3	- 8	+ 15	+ 15	- 6	- 4	+ 2	2	09	- 5	- 1	- 8	+ 16	+ 13	- 11	- 8	- 3	27	34
November ... ... ...	- 7	- 4	+ 7	+ 16	+ 4	- 9	- 8	- 4	2	20	- 6	- 1	+ 7	+ 16	+ 3	- 12	- 5	- 4	27	36
December ... ... ...	- 4	- 1	+ 10	+ 7	0	- 8	- 4	- 3	3	17	- 5	0	+ 7	+ 6	+ 4	- 7	- 4	- 3	30	41
Mean ... ... ...	- 6	- 4	- 5	+ 13	+ 18	- 7	- 7	- 4	331	13	- 6	- 3	- 5	+ 14	+ 18	- 7	- 7	- 4	345	36

MONTH.	1929.										1930.									
	HOURS OF OBSERVATION.										HOURS OF OBSERVATION.									
	2	5	8	11	14	17	20	23	No. of days util.	Mean.	2	5	8	11	14	17	20	23	No. of days util.	Mean.
January ... ... ...	- 6	- 2	+ 9	+ 5	+ 6	- 5	- 6	- 4	30	30043	- 4	0	+ 13	+ 8	+ 2	- 7	- 7	- 0	28	30076
February ... ... ...	- 5	- 1	+ 9	+ 9	+ 10	- 7	- 7	- 7	25	36	- 2	+ 2	+ 11	+ 8	+ 3	- 13	- 11	0	27	73
March ... ... ...	- 6	- 8	- 4	+ 20	+ 24	- 13	- 10	- 6	28	36	- 2	+ 2	0	+ 9	+ 13	- 14	- 6	- 6	30	65
April ... ... ...	- 6	- 5	- 6	+ 22	+ 23	- 10	- 13	- 9	30	52	- 1	- 2	- 8	+ 15	+ 15	- 15	- 7	- 2	25	65
May ... ... ...	- 6	- 6	- 13	+ 22	+ 27	- 8	- 9	- 5	31	65	+ 3	- 5	- 15	+ 7	+ 10	- 5	- 5	- 2	28	77
June ... ... ...	- 4	- 3	- 10	+ 15	+ 23	- 8	- 8	- 4	30	70	+ 2	+ 1	- 12	0	+ 13	- 6	- 2	+ 3	27	74
July ... ... ...	- 5	- 3	- 17	+ 6	+ 23	- 6	- 4	- 3	28	65	0	- 1	- 11	+ 5	+ 15	- 6	- 3	- 2	27	82
August ... ... ...	- 4	- 3	- 22	+ 7	+ 25	- 1	- 3	- 2	20	60	+ 2	+ 1	- 10	+ 3	+ 16	- 5	- 1	+ 3	29	74
September ... ... ...	+ 2	+ 3	- 16	+ 1	+ 20	- 6	- 7	- 1	30	54	+ 3	+ 6	- 14	- 5	+ 10	- 4	- 4	+ 5	26	70
October ... ... ...	- 2	+ 2	- 7	+ 12	+ 11	- 10	- 7	+ 2	25	64	- 2	+ 4	- 2	+ 5	+ 5	- 8	- 2	+ 5	27	80
November ... ... ...	- 3	- 1	+ 8	+ 18	+ 5	- 14	- 11	- 4	28	63	- 2	0	+ 4	+ 12	- 3	- 6	- 4	- 1	28	95
December ... ... ...	- 5	+ 1	+ 10	+ 5	+ 4	- 12	- 9	- 2	27	71	- 8	- 1	+ 10	+ 12	+ 4	- 8	- 6	- 5	26	103
Mean ... ... ...	- 5	- 3	- 5	+ 12	+ 16	- 9	- 8	- 4	341	57	- 1	0	- 4	+ 6	+ 9	- 8	- 5	- 1	328	978

## TERRESTRIAL MAGNETISM.

DEVIATIONS FROM THE MEAN OF THE MONTH FOR EVERY THREE HOURS.  
VERTICAL INTENSITY. (Unit = 0.00001 C.G.S. units.)

MONTH.	1927.										1928.									
	HOURS OF OBSERVATION.										HOURS OF OBSERVATION.									
	2	5	8	11	14	17	20	23	No. of days util.	Mean.	2	5	8	11	14	17	20	23	No. of days util.	Mean.
January ... ... ...	+ 2	+ 3	+ 3	-11	- 4	+ 2	+ 4	+ 3	28	26592	+ 2	+ 2	+ 4	-15	- 2	+ 2	+ 2	+ 2	30	26653
February ... ... ...	+ 4	+ 4	+ 3	-15	- 5	0	+ 4	+ 6	27	82	+ 3	+ 3	+ 2	-14	- 4	+ 2	+ 3	+ 3	29	64
March ... ... ...	+ 5	+ 6	+ 5	-22	- 7	+ 4	+ 5	+ 5	24	95	+ 5	+ 4	+ 5	-20	- 8	+ 4	+ 4	+ 5	30	69
April ... ... ...	+ 6	+ 6	+ 6	-25	- 7	+ 6	+ 3	+ 4	27	86	+ 5	+ 6	+ 4	-23	- 5	+ 5	+ 4	+ 5	30	73
May ... ... ...	+ 5	+ 7	+ 1	-20	- 5	+ 7	+ 3	+ 5	28	77	+ 5	+ 7	+ 1	-20	- 4	+ 7	+ 3	+ 5	29	62
June ... ... ...	+ 3	+ 8	- 1	-20	- 5	+ 7	+ 2	+ 3	29	26600	+ 3	+ 6	+ 2	-19	- 5	+ 7	+ 3	+ 5	30	69
July ... ... ...	+ 5	+ 7	+ 2	-19	- 4	+ 6	+ 3	+ 4	29	23	+ 4	+ 6	0	-19	- 8	+ 6	+ 3	+ 5	29	80
August ... ... ...	+ 4	+ 5	+ 1	-20	- 4	+ 6	+ 4	+ 4	26	34	+ 5	+ 6	+ 4	-22	- 6	+ 6	+ 3	+ 4	28	74
September ... ... ...	+ 4	+ 4	+ 5	-19	- 6	+ 6	+ 4	+ 4	29	28	+ 5	+ 5	+ 4	-23	- 6	+ 5	+ 3	+ 4	26	84
October ... ... ...	+ 5	+ 6	+ 4	-20	- 2	+ 2	+ 4	+ 4	27	42	+ 5	+ 5	+ 4	-24	- 2	+ 2	+ 4	+ 5	27	80
November ... ... ...	+ 4	+ 3	- 1	-15	- 2	+ 4	+ 3	+ 3	29	46	+ 3	+ 3	- 1	-16	- 2	+ 3	+ 2	+ 2	27	89
December ... ... ...	+ 2	+ 2	0	-12	0	+ 3	+ 3	+ 3	30	46	+ 2	+ 2	+ 2	-13	- 2	+ 3	+ 4	+ 3	30	26701
Mean ... ... ...	+ 4	+ 5	+ 3	-18	- 4	+ 5	+ 4	+ 4	333	12	+ 4	+ 4	+ 2	-19	- 5	+ 4	+ 3	+ 4	345	26675

MONTH.	1929.										1930.									
	HOURS OF OBSERVATION.										HOURS OF OBSERVATION.									
	2	5	8	11	14	17	20	23	No. of days util.	Mean.	2	5	8	11	14	17	20	23	No. of days util.	Mean.
January ... ... ...	+ 3	+ 3	+ 4	-16	- 3	+ 3	+ 4	+ 4	30	26708	+ 2	+ 2	+ 3	-13	- 2	+ 2	+ 3	+ 3	28	26779
February ... ... ...	+ 4	+ 4	+ 5	-15	- 7	+ 4	+ 5	+ 5	25	00	+ 3	+ 2	+ 4	-14	- 7	+ 3	+ 3	+ 3	27	806
March ... ... ...	+ 5	+ 6	+ 2	-23	- 4	+ 5	+ 5	+ 5	28	23	+ 5	+ 4	+ 4	-17	- 6	+ 5	+ 4	+ 6	30	798
April ... ... ...	+ 5	+ 5	+ 4	-21	- 3	+ 6	+ 4	+ 5	30	23	+ 5	+ 4	+ 1	-20	- 2	+ 5	+ 3	+ 4	25	800
May ... ... ...	+ 3	+ 5	- 1	-18	- 2	+ 6	+ 3	+ 3	31	30	+ 3	+ 6	0	-16	- 3	+ 6	+ 3	+ 4	28	799
June ... ... ...	+ 4	+ 8	- 1	-17	- 4	+ 8	+ 4	+ 5	30	44	+ 4	+ 5	+ 1	-15	- 6	+ 5	+ 3	+ 4	27	812
July ... ... ...	+ 4	+ 7	0	-18	- 5	+ 6	+ 2	+ 4	28	55	+ 3	+ 4	+ 1	-13	- 4	+ 5	+ 3	+ 5	27	809
August ... ... ...	+ 5	+ 6	0	-24	- 5	+ 5	+ 4	+ 5	29	57	+ 4	+ 5	+ 1	-15	- 3	+ 5	+ 3	+ 4	27	810
September ... ... ...	+ 4	+ 4	+ 5	-18	- 6	+ 4	+ 3	+ 4	30	55	+ 4	+ 4	+ 5	-17	- 3	+ 4	+ 3	+ 3	26	820
October ... ... ...	+ 4	+ 3	+ 6	-17	- 2	+ 2	+ 2	+ 2	25	62	+ 4	+ 3	+ 2	-16	0	+ 2	+ 3	+ 3	27	836
November ... ... ...	+ 3	+ 3	0	-17	- 3	+ 4	+ 3	+ 3	28	56	+ 3	+ 3	- 1	-13	0	+ 4	+ 3	+ 3	28	843
December ... ... ...	+ 3	+ 3	+ 3	-16	- 4	+ 3	+ 5	+ 3	27	71	+ 2	+ 1	- 1	- 8	0	+ 3	+ 2	+ 2	29	857
Mean ... ... ...	+ 4	+ 5	+ 3	-18	- 4	+ 5	+ 4	+ 4	341	40	+ 4	+ 4	+ 2	-15	- 3	+ 4	+ 3	+ 4	329	814

## TERRESTRIAL MAGNETISM.

## MEAN MONTHLY VALUES OF THE MAGNETIC ELEMENTS.

	1927.						1928.							
	Declination W.	Dip.	Horizontal Intensity C.G.S. Units.	Vertical Intensity C.G.S. Units.	Northerly Components C.G.S. Units.	Westerly Components C.G.S. Units.	Declination W.	Dip.	Horizontal Intensity C.G.S. Units.	Vertical Intensity C.G.S. Units.	Northerly Components C.G.S. Units.	Westerly Components C.G.S. Units.		
January ... ... ... ... ...	0° 33° 6	41° 32° 3	0° 30016	0° 26592	0° 30015	0° 00294	0° 40101	0° 27° 3	41° 35° 4	0° 30031	0° 26653	0° 30030	0° 00238	0° 40153
February ... ... ... ... ...	33° 4	32° 7	0° 29398	582	0° 29097	91	081	26° 0	35° 6	40	664	39	227	67
March ... ... ... ... ...	32° 6	33° 4	0° 30000	595	98	84	090	26° 4	35° 7	44	669	43	231	74
April ... ... ... ... ...	31° 7	32° 8	0° 30001	586	0° 30000	77	087	25° 4	36° 0	43	673	42	222	75
May ... ... ... ... ...	31° 5	32° 0	0° 30004	577	03	75	082	25° 0	35° 5	38	662	37	218	63
June ... ... ... ... ...	30° 8	32° 3	0° 30025	600	24	69	113	24° 3	36° 1	37	669	37	212	69
July ... ... ... ... ...	29° 6	33° 6	0° 30025	620	23	58	126	23° 9	37° 4	26	680	25	209	67
August ... ... ... ... ...	29° 0	34° 9	0° 30019	634	17	53	132	23° 3	36° 5	38	674	37	204	72
September ... ... ... ... ...	28° 7	34° 3	0° 30021	628	20	51	129	23° 7	37° 7	24	684	23	207	68
October ... ... ... ... ...	28° 6	35° 9	0° 30009	642	08	50	128	21° 8	37° 0	34	680	33	190	74
November ... ... ... ... ...	27° 9	35° 6	0° 30020	646	19	44	140	21° 7	37° 4	36	689	35	190	80
December ... ... ... ... ...	27° 2	35° 8	0° 30017	646	16	38	138	22° 3	37° 9	41	701	40	195	92
Mean ... ... ... ... ...	30° 4	33° 8	0° 30013	612	12	65	113	24° 3	36° 5	36	675	35	212	71

	1929.						1930.							
	Declination W.	Dip.	Horizontal Intensity C.G.S. Units.	Vertical Intensity C.G.S. Units.	Northerly Components C.G.S. Units.	Westerly Components C.G.S. Units.	Declination W.	Dip.	Horizontal Intensity C.G.S. Units.	Vertical Intensity C.G.S. Units.	Northerly Components C.G.S. Units.	Westerly Components C.G.S. Units.		
January ... ... ... ... ...	0° 21° 6	41° 38° 2	0° 30043	0° 26708	0° 30042	0° 00189	0° 40198	0° 17° 2	41° 40° 9	0° 30076	0° 26779	0° 30075	0° 00150	0° 40271
February ... ... ... ... ...	20° 3	38° 1	36	700	35	177	187	16° 3	42° 7	73	806	73	143	286
March ... ... ... ... ...	19° 8	39° 0	36	723	35	173	203	16° 3	42° 7	65	798	65	143	274
April ... ... ... ... ...	19° 9	38° 7	52	723	51	174	215	14° 5	42° 8	65	800	65	127	275
May ... ... ... ... ...	19° 0	38° 3	65	730	64	166	228	14° 1	42° 1	77	799	77	123	284
June ... ... ... ... ...	18° 6	39° 0	70	744	69	163	242	13° 9	43° 1	74	812	74	122	290
July ... ... ... ... ...	18° 1	39° 9	65	755	64	158	245	13° 7	42° 4	82	809	82	120	294
August ... ... ... ... ...	18° 9	40° 4	60	757	59	165	244	14° 0	43° 0	74	810	74	122	289
September ... ... ... ... ...	18° 1	40° 6	54	755	53	158	257	12° 7	43° 8	70	820	70	111	292
October ... ... ... ... ...	17° 2	40° 5	64	762	64	150	250	12° 3	44° 3	80	830	80	108	312
November ... ... ... ... ...	17° 2	40° 1	63	756	62	150	245	11° 3	43° 9	95	843	95	99	326
December ... ... ... ... ...	16° 6	40° 6	71	771	70	145	261	12° 2	44° 3	103	857	103	107	342
Mean ... ... ... ... ...	18° 8	39° 4	57	740	57	164	221	14° 0	43° 0	678	814	678	123	295

## TERRESTRIAL MAGNETISM.

## DESCRIPTION OF PRINCIPAL MAGNETIC DISTURBANCES.

In the following table will be found the maximum and minimum values of the magnetic elements during disturbances. The selection of days to be included in this list was made by examining the horizontal intensity curves, as these show the largest variations. Disturbed days with a range of more than 100 γ in the horizontal intensity are included.

Westerly declinations are considered positive.

All times given are Helwan local time, *i.e.* two hours five minutes fast on Greenwich.

$\gamma = 0.00001$  C.G.S. units.

1927.

HORIZONTAL INTENSITY.	VERTICAL INTENSITY.	DECLINATION.
<b>January 4 and 5.</b>		
Sudden increase of 58γ at 22 h. 15 m. on January 4. Maximum 0.30095 at 22 h. 21 m. on January 4. Minimum 0.29973 at 0 h. 41 m. on January 5. Range 122γ.	Sudden decrease of 20γ at 22 h. 13 m. on January 4. Maximum 0.26605 at 18 h. 09 m. on January 5. Minimum 0.26588 at 12 h. 45 m. on January 5. Range 17γ.	Sudden increase of 1°'0 at 22 h. 16 m. on January 4. Maximum 0° 36.'3 at 11 h. 52 m. on January 5. Minimum 0° 28.'3 at 22 h. 40 m. on January 4. Range 8°'0.
<b>January 7.</b>		
Maximum 0.30057 at 9 h. 46 m. Minimum 0.29876 at 19 h. 21 m. Range 181γ.	Maximum 0.26624 at 18 h. 24 m. Minimum 0.26578 at 12 h. 37 m. Range 46γ.	Maximum 0° 35.'5 at 11 h. 33 m. Minimum 0° 26.'5 at 21 h. 22 m. Range 9°'0.
<b>February 24.</b>		
Maximum 0.30042 at 12 h. 51 m. Minimum 0.29932 at 19 h. 18 m. Range 110γ.	Maximum 0.26605 at 19 h. 14 m. Minimum 0.26566 at 11 h. 08 m. Range 39γ.	Maximum 0° 37.'2 at 13 h. 35 m. Minimum 0° 30.'7 at 20 h. 41 m. Range 6°'5.
<b>March 9.</b>		
Maximum 0.30023 at 11 h. 20 m. Minimum 0.29912 at 18 h. 25 m. Range 111γ.	Maximum 0.26616 at 18 h. 27 m. Minimum 0.26588 at 12 h. 42 m. Range 28γ.	Maximum 0° 34.'3 at 13 h. 23 m. Minimum 0° 28.'0 at 19 h. 07 m. Range 6°'3.
<b>March 16 and 17.</b>		
Maximum 0.30009 at 13 h. 16 m. on March 17. Minimum 0.29898 at 18 h. 41 m. on March 16. Range 111γ.	Maximum 0.26624 at 15 h. 06 m. on March 16. Minimum 0.26574 at 11 h. 22 m. On March 17. Range 50γ.	Maximum 0° 36.'4 at 12 h. 48 m. on March 17. Minimum 0° 27.'2 at 19 h. 59 m. on, March 16. Range 9°'2.
<b>March 20.</b>		
Maximum 0.30040 at 11 h. 21 m. Minimum 0.29926 at 16 h. 45 m. Range 114γ.	Maximum 0.26619 at 16 h. 43 m. Minimum 0.26578 at 11h. 20 m. Range 41γ.	Maximum 0° 35.'5 at 13 h. 08 m. Minimum 0° 30.'0 at 7 h. 32 m. Range 5°'5

1927

HORIZONTAL INTENSITY.	VERTICAL INTENSITY.	DECLINATION.
<b>March 26, 27 and 28.</b>		
Maximum 0·30037 at 21 h. 34 m. on March 27. Minimum 0·29922 at 8 h. 25 m. on March 28. Range 115γ.	Maximum 0·26619 at 8 h. 16 m. on March 28. Minimum 0·26568 at 10 h. 58 m. On March 27. Range 51γ.	Maximum 0° 37·2 at 13 h. 13 m. on March 27. Minimum 0° 28·6 at 7 h. 48 m. on March 27. Range 8·6
<b>April 9.</b>		
Maximum 0·30057 at 12 h. 30 m. Minimum 0·29908 at 19 h. 37 m. Range 149γ.	Maximum 0·26614 at 17 h. 05 m. Minimum 0·26558 at 10 h. 28 m. Range 56γ.	Maximum 0° 38·1 at 12 h. 49 m. Minimum 0° 26·3 at 8 h. 47 m. Range 11·8
<b>April 11.</b>		
Maximum 0·30026 at 15 h. 07 m. Minimum 0·29906 at 19 h. 40 m. Range 120γ.	Maximum 0·26607 at 17 h. 32 m. Minimum 0·26576 at 11 h. 57 m. Range 31γ.	Maximum 0° 35·7 at 14 h. 32 m. Minimum 0° 26·4 at 8 h. 51 m. Range 9·3
<b>April 14.</b>		
Sudden increase of 58γ at 1 h. 58 m. Maximum 0·30064 at 10 h. 49 m. Minimum 0·29789 at 16 h. 20 m. Range 275γ.	Sudden decrease of 22γ at 1 h. 57 m. Maximum 0·26622 at 14 h. 00 m. Minimum 0·26533 at 10 h. 50 m. Range 89γ.	Sudden increase of 2·8 at 1 h. 55 m. Maximum 0° 36·5 at 13 h. 50 m. Minimum 0° 24·8 at 9 h. 50 m. Range 11·7.
<b>May 5.</b>		
Maximum 0·30020 at 4 h. 15 m. Minimum 0·29876 at 10h. 20 m. Range 144γ.	Maximum 0·26597 at 7 h. 25 m. Minimum 0·26559 at 10 h. 45 m. Range 38γ.	Maximum 0° 33·5 at 12 h. 36 m. Minimum 0° 27·3 at 7 h. 42 m. Range 6·2.
<b>May 7.</b>		
Maximum 0·30060 at 12 h. 42 m. Minimum 0·29875 at 17 h. 20 m. Range 185γ.	Maximum 0·26610 at 17 h. 10 m. Minimum 0·26551 at 11 h. 12 m. Range 59γ.	Maximum 0° 37·2 at 14 h. 23 m. Minimum 0° 28·7 at 8 h. 45 m. Range 8·5.
<b>May 20.</b>		
Maximum 0·30044 at 12 h. 32 m. Minimum 0·29941 at 17 h. 09 m. Range 103γ.	Maximum 0·26602 at 16 h. 59 m. Minimum 0·26556 at 9 h. 56 m. Range 46γ.	Maximum 0° 37·4 at 12 h. 34 m. Minimum 0° 26·7 at 6 h. 20 m. Range 10·7.
<b>June 26.</b>		
Maximum 0·30112 at 10 h. 53 m. Minimum 0·30007 at 17 h. 03 m. Range 105γ.	Maximum 0·26632 at 16 h. 33 m. Minimum 0·26590 at 10 h. 28 m. Range 42γ.	Maximum 0° 35·4 at 12 h. 22 m, Minimum 0° 27·1 at 7 h. 08 m. Range 8·3.
<b>July 21 and 22.</b>		
Sudden increase of 85γ at 23 h. 09 m. on July 21. Maximum 0·30164 at 23 h. 45 m. on July 21. Minimum 0·29892 at 17 h. 36 m. on July 22. Range 272γ.	Sudden decrease of 32γ at 23 h. 08 m. on July 21. Maximum 0·26664 at 8 h. 36 m. on July 22. Minimum 0·26593 at 23 h. 14 m. on July 21. Range 71γ	Sudden increase of 1·8 at 23 h. 09 m. on July 21. Maximum 0° 37·0 at 14 h. 30 m. on July 22. Minimum 0° 20·8 at 7 h. 22 m. on July 22. Range 16·2.

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HORIZONTAL INTENSITY.	VERTICAL INTENSITY.	DECLINATION.
<b>August 20 and 21.</b>		
Maximum 0·30164 at 10 h. 05 m. on August 21. Minimum 0·29933 at 20 h. 16 m. on August 21. Range 231 γ.	Maximum 0·26680 at 23 h. 53 m. on August 20. Minimum 0·26531 at 10 h. 00 m. on August 21. Range 149 γ.	Maximum 0° 34·'5 at 11 h. 39 m. on August 21. Minimum 0° 21·'0 at 4 h. 09 m. on August 21. Range 13·'5.
<b>August 29.</b>		
Maximum 0·30065 at 2 h. 09 m. Minimum 0·29955 at 21 h. 47 m. Range 110 γ.	Maximum 0·26654 at 14 h. 33 m. Minimum 0·26615 at 11 h. 17 m. Range 39 γ.	Maximum 0° 34·'1 at 14 h. 00 m. Minimum 0° 24·'4 at 7 h. 49 m. Range 9·'7.
<b>September 10.</b>		
Maximum 0·30091 at 23 h. 55 m. Minimum 0·29964 at 23 h. 33 m. Range 127 γ.	Maximum 0·26649 at 23 h. 24 m. Minimum 0·26593 at 23 h. 51 m. Range 56 γ.	Maximum 0° 31·'8 at 12 h. 22 m. Minimum 0° 24·'7 at 23 h. 30 m. Range 7·'1.
<b>October 10.</b>		
Maximum 0·30088 at 10 h. 49 m. Minimum 0·29952 at 14 h. 42 m. Range 136 γ.	Maximum 0·26655 at 14 h. 20 m. Minimum 0·26602 at 10 h. 32 m. Range 53 γ.	Maximum 0° 32·'3 at 11 h. 25 m. Minimum 0° 25·'7 at 20 h. 38 m. Range 6·'6.
<b>October 12.</b>		
Maximum 0·30040 at 12 h. 32 m. Minimum 0·29725 at 18 h. 19 m. Range 315 γ.	Maximum 0·26709 at 14 h. 41 m. Minimum 0·26604 at 20 h. 06 m. Range 105 γ.	Maximum 0° 33·'9 at 14 h. 07 m. Minimum 0° 19·'1 at 19 h. 57 m. Range 14·'8.
<b>October 22 and 23.</b>		
Sudden increase of 82 γ at 8 h. 47 m. on October 22. Maximum 0·30216 at 10 h. 14 m. on October 22. Minimum 0·29884 at 14 h. 12 m. on October 22. Range 332 γ.	Sudden decrease of 36 γ at 8 h. 45 m. on October 22. Maximum 0·26677 at 14 h. 05 m. on October 22. Minimum 0·26570 at 9 h. 26 m. on October 22. Range 107 γ.	Sudden increase of 3·'4 at 8 h. 48 m. on October 22. Maximum 0° 35·'5 at 9 h. 36 m. on October 22. Minimum 0° 24·'2 at 9 h. 15 m. on October 23. Range 11·'3.
<b>November 18.</b>		
Maximum 0·30087 at 9 h. 45 m. Minimum 0·29960 at 22 h. 00 m. Range 127 γ.	Maximum 0·26668 at 16 h. 07 m. Minimum 0·26633 at 9 h. 19 m. Range 35 γ.	Maximum 0° 30·'5 at 13 h. 49 m. Minimum 0° 23·'1 at 21 h. 21 m. Range 7·'4.
<b>December 13.</b>		
Maximum 0·30081 at 11 h. 08 m. Minimum 0·29910 at 16 h. 35 m. Range 171 γ.	Maximum 0·26674 at 16 h. 29 m. Minimum 0·26624 at 11 h. 12 m. Range 50 γ.	Maximum 0° 29·'4 at 11 h. 12 m. Minimum 0° 20·'7 at 20 h. 20 m. Range 8·'7.

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HORIZONTAL INTENSITY.	VERTICAL INTENSITY	DECLINATION.
	<b>January 27.</b>	
Maximum 0·30075 at 7 h. 34 m. Minimum 0·29956 at 15 h. 11 m. Range 119 γ.	Maximum 0·26677 at 19 h. 57 m. Minimum 0·26641 at 13 h. 00 m. Range 36 γ.	Maximum 0° 30·'9 at 12 h. 57 m. Minimum 0° 23·'6 at 20 h. 14 m. Range 6·'3.
	<b>March 11.</b>	
Maximum 0·30109 at 10 h. 32 m. Minimum 0·29895 at 17 h. 32 m. Range 214 γ.	Maximum 0·26705 at 20 h. 08 m. Minimum 0·26651 at 10 h. 33 m. Range 54 γ.	Maximum 0° 29·'8 at 13 h. 35 m. Minimum 0° 22·'6 at 17 h. 47 m. Range 7·'2.
	<b>May 27 and 28.</b>	
Maximum 0·30109 at 11 h. 52 m. on May 27. Minimum 0·29881 at 23 h. 51 m. on May 28. Range 228 γ.	Maximum 0·26704 at 23 h. 13 m. on May 28. Minimum 0·26627 at 10 h. 36 m. on May 27. Range 77 γ.	Maximum 0° 31·'2 at 12 h. 15 m. on May 27. Minimum 0° 17·'9 at 23 h. 58 m. on May 28. Range 13·'3.
	<b>July 2.</b>	
Sudden increase of 46 γ at 10 h. 40 m. Maximum 0·30119 at 10 h. 43 m. Minimum 0·30006 at 16 h. 53 m. Range 113 γ.	Sudden decrease of 20 γ at 10 h. 40 m. Maximum 0·26688 at 23 h. 32 m. Minimum 0·26629 at 10 h. 40 m. Range 59 γ.	Sudden increase of 2·'5 at 10 h. 42 m. Maximum 0° 31·'0 at 14 h. 42 m. Minimum 0° 21·'0 at 7 h. 48 m. Range 10·'0.
	<b>July 8.</b>	
Sudden increase of 160 γ at 1 h. 34 m. Maximum 0·30502 at 1 h. 42 m. Minimum 0·29640 at 9 h. 50 m. Range 862 γ.	Sudden decrease of 58 γ at 1 h. 29 m. Maximum 0·26760 at 3 h. 22 m. Minimum 0·26530 at 1 h. 44 m. Range 230 γ.	Sudden increase of 5·'0 at 1 h. 32 m. Maximum 0° 34·'0 at 3 h. 16 m. Minimum 0° 05·'6 at 8 h. 35 m. Range 28·'4.
	<b>August 5.</b>	
Maximum 0·30065 at 12 h. 45 m. Minimum 0·29959 at 19 h. 18 m. Range 106 γ.	Maximum 0·26702 at 24 h. 08 m. Minimum 0·26661 at 10 h. 10 m. Range 41 γ.	Maximum 0° 26·'9 at 13 h. 44 m. Minimum 0° 19·'9 at 7 h. 17 m. Range 7·'0.
	<b>August 26 and 27.</b>	
Maximum 0·30070 at 3 h. 00 m. on August 26. Minimum 0·29938 at 8 h. 16 m. on August 27. Range 132 γ.	Maximum 0·26698 at 8 h. 10 m. on August 27. Minimum 0·26662 at 12 h. 04 m. on August 26. Range 36 γ.	Maximum 0° 28·'4 at 13 h. 00 m. on August 27. Minimum 0° 17·'3 at 8 h. 24 m. on August 27. Range 11·'1.
	<b>September 3.</b>	
Maximum 0·30047 at 5 h. 43 m. Minimum 0·29944 at 19 h. 12 m. Range 103 γ.	Maximum 0·26706 at 19 h. 11m. Minimum 0·26665 at 11 h. 06 m. Range 41 γ.	Maximum 0° 30·'4 at 13 h. 20 m. Minimum 0° 17·'9 at 7 h. 54 m. Range 12·'5.
	<b>September 7.</b>	
Sudden increase of 30 γ at 15 h. 52 m. Maximum 0·30064 at 15 h. 52 m. Minimum 0·29926 at 22 h. 09 m. Range 138 γ.	Sudden decrease of 10 γ at 15 h. 52 m. Maximum 0·26715 at 17 h. 58 m. Minimum 0·26670 at 11 h. 41 m. Range 45 γ.	Sudden increase of 2·'0 at 15 h. 56 m. Maximum 0° 28·'4 at 13 h. 26 m. Minimum 0° 18·'4 at 20 h. 25 m. Range 10·'0.

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HORIZONTAL INTENSITY.	VERTICAL INTENSITY.	DECLINATION.
<b>September 24 and 25.</b>		
Sudden increase of 43 γ at 18 h. 26 m. on September 24. Maximum 0.30082 at 18 h. 26 m. on September 24. Minimum 0.29950 at 18 h. 04 m. on September 25. Range 132 γ.	Sudden decrease of 14 γ at 18 h. 31 m. on September 24. Maximum 0.26702 at 15 h. 47 m. on September 25. Minimum 0.26658 at 10 h. 22 m. on September 24. Range 44γ.	Sudden increase of 1.3 at 18 h. 32 m. on September 24. Maximum 0° 28.4 at 12 h. 39 m. on September 24. Minimum 0° 18.7 at 8 h. 14 m. on September 25. Range 9.7.
<b>October 18.</b>		
Sudden increase of 84 γ at 9 h. 31 m. Maximum 0.30166 at 9 h. 44 m. Minimum 0.29809 at 20 h. 00 m. Range 357 γ.	Sudden decrease of 30 γ at 9 h. 31 m. Maximum 0.26729 at 20 h 05 m. Minimum 0.26625 at 9 h. 31 m. Range 104 γ.	Sudden increase of 1.7 at 9 h. 31 m. Maximum 0° 28.1 at 13 h. 00 m. Minimum 0° 11.3 at 19 h. 25 m. Range 6.8.
<b>October 22.</b>		
Maximum 0.30119 at 11 h. 36 m. Minimum 0.30007 at 20 h. 18 m. Range 112 γ.	Maximum 0.26691 at 22 h. 45 m. Minimum 0.26641 at 11 h. 41 m. Range 50 γ.	Maximum 0° 26.1 at 11 h. 33 m. Minimum 0° 19.1 at 1 h. 56 m. Range 7.0.
<b>October 24 and 25.</b>		
Sudden increase of 52 γ at 21 h. 5 m. on October 24. Maximum 0.30096 at 21 h. 12 m. on October 24. Minimum 0.29950 at 23 h. 5 m. on October 25. Range 146 γ.	Sudden decrease of 20 γ at 21 h. 5 m. on October 24. Maximum 0.26712 at 21 h. 14 m. on October 24. Minimum 0.26652 at 11 h. 11 m. on October 24. Range 60 γ.	Sudden increase of 1.8 at 21 h. 5 m. on October 24. Maximum 0° 25.5 at 12 h. 36 m. on October 24. Minimum 0° 14.6 at 2 h. 27 m. on October 25. Range 10.9.
<b>November 3.</b>		
Maximum 0.30045 at 10 h. 59 m. Minimum 0.29944 at 19 h. 36 m. Range 101 γ.	Maximum 0.26714 at 15 h. 18 m. Minimum 0.26677 at 11 h. 15 m. Range 37 γ.	Maximum 0° 24.5 at 13 h. 20 m. Minimum 0° 16.0 at 20 h. 00 m. Range 8.5.
<b>November 10.</b>		
Maximum 0.30111 at 10 h. 48 m. Minimum 0.29921 at 17 h. 10 m. Range 190 γ.	Maximum 0.26698 at 16 h. 12 m. Minimum 0.26649 at 10 h. 48 m. Range 49 γ.	Maximum 0° 24.5 at 11 h. 22 m. Minimum 0° 19.5 at 24 h. 50 m. Range 5.0.
<b>November 13.</b>		
Maximum 0.30042 at 10 h. 44 m. Minimum 0.29929 at 19 h. 28 m. Range 113 γ.	Maximum 0.26712 at 19 h. 28 m. Minimum 0.26675 at 10 h. 46 m. Range 37 γ.	Maximum 0° 23.5 at 11 h. 47 m. Minimum 0° 17.0 at 20 h. 26 m. Range 6.5.
<b>December 6.</b>		
Maximum 0.30077 at 1 h. 45 m. Minimum 0.29974 at 12 h. 49 m. Range 103 γ.	Maximum 0.26707 at 21 h. 37 m. Minimum 0.26676 at 1 h. 38 m. Range 31 γ.	Maximum 0° 25.0 at 5 h. 00 m. Minimum 0° 17.7 at 20 h. 00 m. Range 7.3.

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HORIZONTAL INTENSITY.	VERTICAL INTENSITY.	DECLINATION.
	<b>January 5.</b>	
Maximum 0·30069 at 12 h. 39 m. Minimum 0·29964 at 21 h. 00 m. Range 105 γ.	Maximum 0·26739 at 20 h. 07 m. Minimum 0·26698 at 12 h. 34. Range 41 γ.	Maximum 0° 25·2 at 12 h. 54 m. Minimum 0° 18·1 at 23 h. 30 m. Range 7·1.
	<b>February 17.</b>	
Maximum 0·30093 at 2 h. 08 m. Minimum 0·29871 at 18 h. 16 m. Range 222 γ.	Maximum 0·26734 at 19 h. 43 m. Two minima 0·26688 at 1 h. 48 m. and at 19 h. 08 m. Range 46 γ.	Maximum 0° 22·2 at 14 h. 20 m. Minimum 0° 12·5 at 19 h. 57 m. Range 9·7.
	<b>February 27 and 28.</b>	
Sudden increase of 21 γ at 21 h. 28 m. on February 26. Maximum 0·30060 at 8 h. 16 m. on February 27. Minimum 0·29865 at 22 h. 07 m. on February 27. Range 195 γ.	Sudden decrease of 9 γ at 21 h. 28 m. on February 26. Maximum 0·26745 at 20 h. 55 m. on February 27. Minimum 0·26687 at 22 h. 33 m. on February 27. Range 58 γ.	Sudden increase of 1·0 at 21 h. 27 m. on February 26. Maximum 0° 22·3 at 12 h. 15 m. on February 27. Minimum 0° 07·7 at 2 h. 24 m. on February 28. Range 14·6.
	<b>March 11 and 12.</b>	
Sudden increase of 95 γ at 16 h. 00 m. on March 11. Maximum 0·30126 at 16 h. 06 m. on March 11. Minimum 0·29831 at 16 h. 56 m. on March. 12. Range 295 γ.	Sudden decrease of 32 γ at 16 h. 00 m. on March 11. Maximum 0·26760 at 15 h. 56 m. on March 12. Minimum 0·26689 at 16 h. 04 m. on March 11. Range 71 γ.	Sudden increase of 3·0 at 16 h. 00 m. on March 11. Maximum 0° 25·5 at 5 h. 06 m. on March 12. Minimum 0° 13·9 at 20 h. 36 m. on March 12. Range 11·6.
	<b>March 15.</b>	
Maximum 0·30078 at 11 h. 09 m. Minimum 0·29906 at 18 h. 56 m. Range 172 γ.	Maximum 0·26752 at 18 h. 54 m. Minimum 0·26698 at 11 h. 11 m. Range 54 γ.	Maximum 0° 24·8 at 11 h. 52 m. Minimum 0° 14·3 at 22 h. 32 m. Range 10·5.
	<b>July 5.</b>	
Maximum 0·30155 at 14 h. 08 m. Minimum 0·30036 at 18 h. 52 m. Range 119 γ.	Maximum 0·26784 at 18 h. 48 m. Minimum 0·26727 at 11 h. 52 m. Range 57 γ.	Maximum 0° 24·9 at 14 h. 22 m. Minimum 0° 13·2 at 6 h. 53 m. Range 11·7.
	<b>July 10.</b>	
Sudden increase of 94 γ at 14 h. 42 m. Maximum 0·30157 at 13 h. 40 m. Minimum 0·30018 at 19 h. 16 m. Range 139 γ.	Sudden decrease of 33 γ at 13 h. 40 m. Maximum 0·26780 at 18 h. 56 m. Minimum 0·26702 at 13 h. 40 m. Range 78 γ.	Sudden increase of 5·6 at 13 h. 40 m. Maximum 0° 27·9 at 13 h. 40 m. Minimum 0° 14·0 at 8 h. 10 m. Range 13·9.
	<b>July 16.</b>	
Maximum 0·30070 at 1 h. 17 m. Minimum 0·29966 at 19 h. 07 m. Range 104 γ.	Maximum 0·26781 at 19 h. 05 m. Minimum 0·26730 at 11 h. 40 m. Range 51 γ.	Maximum 0° 23·2, at 13 h. 12 m. Minimum 0° 11·3 at 6 h. 00 m. Range 11·9.

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HORIZONTAL INTENSITY.	VERTICAL INTENSITY.	DECLINATION.
	<b>August 1.</b>	
Sudden increase of 62 γ at 23 h. 08 m. on July 31. Maximum 0·30133 at 14 h. 03 m. Minimum 0·29997 at 18 h. 16 m. Range 136 γ.	Sudden decrease of 25 γ at 23 h. 12 m. on July 31. Maximum 0·26782 at 15 h. 30 m. Minimum 0·26724 at 10 h. 25 m. Range 58 γ.	Sudden increase of 2·0 at 23 h. 12 m. on July 31. Maximum 0° 24·7 at 15 h. 08 m. Minimum 0° 14·6 at 23 h. 45 m. Range 10·1.
	<b>August 14.</b>	
Maximum 0·30126 at 15 h. 04 m. Minimum 0·29936 at 19 h. 53 m. Range 190 γ.	Maximum 0·26793 at 19 h. 49 m. Minimum 0·26741 at 10 h. 00 m. Range 52 γ.	Maximum 0° 22·2 at 13 h. 23 m Minimum 0° 14·4 at 19 h. 32 m. Range 7·8.
	<b>October 7 to 9.</b>	
Maximum 0·30146 at 11 h. 38 m. on October 7. Minimum 0·29976 at 13 h. 56 m. on October 8. Range 170 γ.	Two maxima 0·26775 at 15 h. 00 m. and at 22 h. 32 m. on October 7. Minimum 0·26717 at 11 h. 29 m. on October 7. Range 58 γ.	Maximum 0° 23·4 at 12 h. 21 m. on October 7. Minimum 0° 11·6 at 22 h. 31 m. on October 7. Range 11·8.
	<b>October 16 and 17.</b>	
Maximum 0·30105 at 13 h. 21 m. on October 16. Minimum 0·29922 at 21 h. 36 m. on October 16. Range 183 γ.	Maximum 0·26795 at 19 h. 39 m. on October 16. Minimum 0·26740 at 11 h. 00 m. on October 17. Range 55 γ.	Maximum 0° 21·5 at 4 h. 40 m. on October 17. Minimum 0° 07·0 at 20 h. 22 m. on October 16. Range 14·5.
	<b>October 30.</b>	
Maximum 0·30134 at 13 h. 10 m. Minimum 0·29995 at 15 h. 25 m. Range 139 γ.	Maximum 0·26795 at 15 h. 15 m. Minimum 0·26743 at 11 h. 06 m. Range 52 γ.	Maximum 0° 20·6 at 11 h. 36 m. Minimum 0° 13·8 at 21 h. 16 m. Range 6·8.
	<b>November 1.</b>	
Maximum 0·30160 at 11 h. 14 m. Minimum 0·30051 at 23 h. 54 m. Range 109 γ.	Maximum 0·26780 at 14 h. 02 m. Minimum 0·26739 at 10 h. 38 m. Range 41 γ.	Maximum 0° 21·5 at 11 h. 53 m. Minimum 0° 14·3 at 22 h. 39 m. Range 7·2.
	<b>November 3.</b>	
Maximum 0·30109 at 4 h. 36 m. Minimum 0·29947 at 16 h. 52 m. Range 162 γ.	Maximum 0·26792 at 16 h. 53 m. Minimum 0·26750 at 17 h. 21 m. Range 42. γ.	Maximum 0° 20·8 at 12 h. 22 m. Minimum 0° 11·0 at 17 h. 12 m. Range 9·8.
	<b>December 3.</b>	
Maximum 0·30122 at 12 h. 08 m. Minimum 0·29992 at 28 h. 50 m. Range 130 γ.	Maximum 0·26778 at 23 h. 49 m. Minimum 0·26723 at 10 h. 43 m. Range 56 γ.	Maximum 0° 18·7 at 11 h. 58 m. Minimum 0° 09·6 at 22 h. 50 m. Range 9·1.

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HORIZONTAL INTENSITY.

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December 16 and 17.

Maximum 0·30123 at 10 h. 22 m. on December 16.

Minimum 0·29935 at 20 h. 20 m. on December 16.

Range 188 γ.

Maximum 0·26799 at 21 h. 40 m. on December 16.

Minimum 0·26749 at 10 h. 25 m. on December 16.

Range 50 γ.

Maximum 0° 18·8 at 11 h. 20 m. on December 17.

Minimum 0° 08·0 at 21 h. 00m. on December 16.

Range 10·8.

December 22.

Maximum 0·30120 at 7 h. 08 m.

Minimum 0·29987 at 20 h. 08 m.

Range 133 γ.

Maximum 0·26801 at 19 h. 45 m.

Minimum 0·26755 at 10 h. 41 m.

Range 46 γ.

Maximum 0° 20·6 at 12 h. 28 m.

Minimum 0° 13·0 at 20 h. 46 m.

Range 7·6.

HORIZONTAL INTENSITY.	VERTICAL INTENSITY.	DECLINATION.
	<b>January 4 to 6.</b>	
Maximum 0·30108 at 9 h. 11 m. on January 6. Minimum 0·29955 at 17 h. 26 m. on January 5. Range 153 γ.	Maximum 0·26802 at 16 h. 26 m. on January 6. Minimum 0·26766 at 10 h. 49 m. on January 4. Range 36 γ.	Maximum 0° 20·'8 at 6 h. 28 m. on January 6. Minimum 0° 12·'0 at 21 h. 37 m. on January 5. Range 8·'8.
	<b>February 13.</b>	
Maximum 0·30091 at 24 h. 00 m. Minimum 0·29962 at 14 h. 48 m. Range 129 γ.	Maximum 0·26837 at 1 h. 27 m. Minimum 0·26801 at 9 h. 52 m. Range 36 γ.	Maximum 0° 19·'3 at 14 h. 21 m. Minimum 0° 06·'9 at 1 h. 09 m. Range 12·'4.
	<b>March 12.</b>	
Maximum 0·30104 at 6 h. 00 m. Minimum 0·29912 at 14 h. 34 m. Range 192 γ.	Maximum 0·26837 at 14 h. 33 m. Minimum 0·26781 at 6 h. 00 m. Range 56 γ.	Maximum 0° 20·'2 at 14 h. 07 m. Minimum 0° 08·'8 at 19 h. 52 m. Range 11·'4.
	<b>April 6 to 8.</b>	
Maximum 0·30129 at 11 h. 46 m. on April 6. Minimum 0·29991 at 13 h. 36 m. on April 8. Range 138 γ.	Maximum 0·26831 at 13 h. 32 m. on April 8. Minimum 0·26787 at 1 h. 08 m. on April 7. Range 44 γ.	Maximum 0° 18·'8 at 13 h. 21 m. on April 6. Minimum 0° 08·'2 at 2 h. 11 m. on April 8. Range 10·'6.
	<b>April 19 and 20.</b>	
Maximum 0·30118 at 12 h. 25 m. on April 19. Minimum 0·29980 at 17 h. 35 m. on April 20. Range 138 γ.	Maximum 0·26828 at 17 h. 27 m. on April 20. Minimum 0·26769 at 12 h. 23 m. on April 19. Range 59 γ.	Maximum 0° 19·'3 at 14 h. 00 m. on April 19. Minimum 0° 10·'6 at 21 h. 09 m. on April 19. Range 8·'7.
	<b>May 5.</b>	
Maximum 0·30114 at 3 h. 08 m. Minimum 0·29984 at 12 h. 40 m. Range 130 γ.	Maximum 0·26819 at 6 h. 42 m. Minimum 0·26783 at 11 h. 05 m. Range 36 γ.	Maximum 0° 19·'5 at 12 h. 32 m. Minimum 0° 09·'2 at 6 h. 50 m. Range 10·'3.
	<b>May 16 and 17.</b>	
Maximum 0·30134 at 14 h. 37 m. on May 16. Minimum 0·29991 at 8 h. 31 m. on May 17. Range 143 γ.	Maximum 0·26826 at 20 h. 36 m. on May 16. Minimum 0·26778 at 11 h. 32 m. on May 16. Range 48 γ.	Maximum 0° 18·'3 at 13 h. 20 m. on May 17. Minimum 0° 07·'8 at 20 h. 24 m. on May 16. Range 10·'5.
	<b>June 12 and 13.</b>	
Maximum 0·30156 at 11 h. 48 m. on June 12. Minimum 0·30018 at 9 h. 48 m. on June 13. Range 138 γ.	Maximum 0·26837 at 15 h. 50 m. on June 12. Minimum 0·26795 at 11 h. 53 m. on June 13. Range 42 γ.	Maximum 0° 18·'2 at 15 h. 30 m. on June 12. Minimum 0° 09·'6 at 6 h. 58 m. on June 12. Range 8·'6.

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HORIZONTAL INTENSITY.	VERTICAL INTENSITY.	DECLINATION.
Maximum 0·30123 at 7 h. 29 m. Minimum 0·29925 at 13 h. 20 m. Range 198 γ.	Maximum 0·26834 at 14 h. 22 m. Minimum 0·26788 at 11 h. 06 m. Range 46 γ.	Maximum 0° 20·'7 at 14 h. 22 m. Minimum 0° 09·'8 at 23 h. 46 m. Range 10·'9.
Sudden increase of 43 γ at 17 h. 00 m. on July 9. Maximum 0·30159 at 20 h. 09 m. on July 9. Minimum 0·30022 at 10 h. 58 m. on July 10. Range 137 γ.	Sudden decrease of 15 γ at 17 h. 00 m. on July 9. Maximum 0·26830 at 24 h. 13 m. on July 9. Minimum 0·26778 at 10 h. 49 m. on July 9. Range 52 γ.	Sudden increase of 1·'6 at 17 h. 00 m. on July 9. Maximum 0° 18·'7 at 20 h. 18 m. on July 9. Minimum 0° 10·'6 at 9 h. 06 m. on July 10. Range 8·'1.
Maximum 0·30119 at 22 h. 53 m. Minimum 0·30006 at 8 h. 24 m. Range 113 γ.	Maximum 0·26819 at 21 h. 38 m. Minimum 0·26789 at 10 h. 31 m. Range 30 γ.	Maximum 0° 16·'5 at 14 h. 31 m. Minimum 0° 09·'1 at 8 h. 20 m. Range 7·'4.
Maximum 0·30167 at 24 h. 22 m. Minimum 0·30039 at 19 h. 09 m. Range 128 γ.	Maximum 0·26831 at 15 h. 25 m. Minimum 0·26801 at 8 h. 06 m. Range 30 γ.	Maximum 0° 19·'1 at 12 h. 49 m. Minimum 0° 08·'3 at 6 h. 35 m. Range 10·'8.
Maximum 0·30127 at 2 h. 30 m. on August 7. Minimum 0·29986 at 13 h. 22 m. on August 7. Range 141 γ.	Maximum 0·26835 at 14 h. 56 m. on August 6. Minimum 0·26795 at 11 h. 26 m. on August 6. Range 40 γ.	Maximum 0° 16·'3 at 3 h. 50 m. on August 6. Minimum 0° 10·'8 at 6 h. 30 m. on August 6. Range 5·'5.
Maximum 0·30088 at 3 h. 31 m. Minimum 0·29982 at 17 h. 41 m. Range 106 γ.	Maximum 0·26847 at 17 h. 33 m. Minimum 0·26790 at 10 h. 18 m. Range 57 γ.	Maximum 0° 17·'2 at 14 h. 00 m. Minimum 0° 08·'5 at 23 h. 06 m. Range 8·'7.
Maximum 0·30111 at 11 h. 16 m. Minimum 0·29908 at 15 h. 50 m. Range 203 γ.	Maximum 0·26856 at 15 h. 53 m. Minimum 0·26804 at 11 h. 15 m. Range 52 γ.	Maximum 0° 20·'1 at 15 h. 33 m. Minimum 0° 07·'3 at 20 th. 08 m. Range 12·'8.
Maximum 0·30125 at 3 h. 21 m. on September 30. Minimum 0·29970 at 15 h. 08 m. on September 29. Range 155 γ.	Maximum 0·26855 at 7 h. 16 m. on September 30. Minimum 0·26809 at 12 h. 08 m. on September 29. Range 46 γ.	Maximum 0° 17·'0 at 13 h. 16 m. on September 29. Minimum 0° 09·'0 at 21 h. 52 m. on September 29. Range 8·'0.
Maximum 0·30099 at 22 h. 27 m. Minimum 0·29992 at 17 h. 17 m. Range 107 γ.	Maximum 0·26842 at 17 h. 12 m. Minimum 0·26800 at 10 h. 43 m Range 42 γ.	Maximum 0° 18·'4 at 13 h. 06 m. Minimum 0·08·'6 at 8 h. 16 m. Range 9·'8.

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HORIZONTAL INTENSITY.	VERTICAL INTENSITY.	DECLINATION.
Sudden increase of 27 γ at 6 h. 28 m. Maximum 0·30188 at 11 h. 55 m. Minimum 0·29994 at 23 h. 59 m. Range 194 γ.	Sudden decrease of 12 γ at 6 h. 29 m. Maximum 0·26866 at 21 h. 36 m. Minimum 0·26822 at 11 h. 55 m. Range 44γ.	Sudden increase of 1·6 at 6 h. 30 m. Maximum 0° 18·'6 at 12 h. 54 m. Minimum 0° 05·'9 at 23 h. 18 m. Range 12·'7.
Maximum 0·30109 at 7 h. 37 m. Minimum 0·29906 at 22 h. 52 m. Range 203 γ.	Maximum 0·26878 at 18 h. 50 m. Minimum 0·26841 at 11 h. 20 m. Range 37 γ.	Maximum 0° 14·'8 at 12 h. 40 m. Minimum 0° 02·'9 at 23 h. 51 m. Range 11·'9.
Maximum 0·30123 at 3 h. 10 m. Minimum 0·29927 at 15 h. 20 m. Range 196 γ.	Maximum 0·26864 at 15 h. 07 m. Minimum 0·26804 at 11 h. 25 m. Range 60 γ.	Maximum 0° 16·'5 at 6 h. 00 m. Minimum 0° 07·'7 at 18 h. 12 m. Range 8·'8.
Sudden increase of 33γ at 21 h. 35 m. on November 13. Maximum 0·30138 at 11 h. 34 m. Minimum 0·29971 at 23 h. 20 m. Range 167 γ.	Sudden decrease of 13 γ at 21 h. 34 m. on November 13. Maximum 0·26875 at 22 h. 20 m. Minimum 0·26830 at 12 h. 00 m. Range 45 γ.	Sudden increase of 1·1 at 21 h. 35 m. on November 13. Maximum 0° 14·'0 at 11 h. 15 m. Minimum 0° 05·'5 at 23 h. 24 m. Range 8·'5.
Maximum 0·30121 at 3 h. 16 m. Minimum 0·29982 at 15 h. 22 m. Range 139 γ.	Maximum 0·26869 at 15 h. 22 m. Minimum 0·26841 at 2 h. 55 m. Range 28 γ.	Maximum 0° 15·'2 at 7 h. 00 m. Minimum 0° 04·'9 at 18 h. 23 m. Range 10·'3.
Sudden increase of 25 γ at 3 h. 12 m. Maximum 0·30166 at 9 h. 27 m. Minimum 0·29861 at 20 h. 36 m. Range 305 γ.	Sudden decrease of 10 γ at 3 h. 13 m. Maximum 0·26896 at 16 h. 56 m. Minimum 0·26839 at 3 h. 14 m. Range 57 γ.	Sudden increase of 2·0 at 3 h. 14 m. Maximum 0° 13·'6 at 12 h. 16 m. Minjimum 0° 02·'8 at 22 h. 08 m. Range 10·'8.
Maximum 0·30162 at 11 h. 16 m. Minimum 0·300 22 at 20 h. 16 m. Range 140 γ.	Maximum 0·26878 at 20 h. 14 m. Minimum 0·26844 at 20 h. 58 m. Range 34 γ.	Maximum 0° 13·'1 at 8 h. 22 m. Minimum 0° 08·'6 at 21 h. 29 m. Range 4·'5.

**Part II.**

**SECOND AND THIRD ORDER AND  
RAINFALL STATIONS.**

PART II.

SECOND AND THIRD ORDER AND RAINFALL STATIONS.

In this Report the Monthly Bulletins usually given for Alexandria, Qurashîya, Cairo (Ezbekiya), Giza and Khartoum (Gordon College) have been omitted and replaced by full Monthly Summaries of the type which appeared for other stations in previous Annual Reports. The observations for the remaining stations are given in the form of abridged Monthly Summaries. Separate Rainfall Tables, also in an abridged form, are included for those stations in Lower Egypt, the Sudan, Abyssinia and Somaliland where rainfall only is observed.

The full observations for each station belonging or attached to this Service are available for anyone who wishes to consult them, and copies will be sent to anyone desirous of investigating any point more fully than can be done from the data here published.

During the four years covered by this Report 29 new meteorological stations were opened, of which 18 are in Egypt, while 2 stations in Egypt and 2 in the Sudan were closed. In the same period the number of rainfall stations increased from 83 to 90.

The following **symbols and conventions** have been employed :—

- φ = latitude, in all cases N.
- λ = longitude, in all cases E. of Greenwich.
- H = height of the barometer cistern above mean sea-level.
- h = approximate height of the station above mean sea-level, used almost exclusively for rainfall stations.
- h<sub>t</sub> = height of the thermometers above ground.
- h<sub>r</sub> = height of the rim of the raingauge above ground.
- C<sub>h</sub> = mean reduction of the barometric reading to sea-level, for the month.
- = rain.
- \* = snow.
- ★ = sleet.
- ▲ = hail.
- ↗ = gale.
- ⚡ = lightning (without thunder).
- ☳ = thunder (without lightning).
- ☈ = thunderstorm (thunder and lightning together).
- ≡ = fog.
- ∞ = dust haze.
- 🌪 = dust storm.
- D = dew.
- 冻 = hoar frost.
- bows = rainbow.
- = unusual visibility of distant objects.
- ⊕ = solar halo.
- = solar corona.
- ⊗ = lunar halo.
- ⊗ = lunar corona.

Intensity is expressed by attaching exponents 0 or 2 to the symbols. Thus ≡<sup>0</sup> indicates thin fog and ≡<sup>2</sup> thick fog, etc.

For the designation of time in the remarks :—

- m = morning, from 0<sup>h</sup> to 8<sup>h</sup>.
- a = morning, between the first and second daily observations, i.e., from 8<sup>h</sup> to 14<sup>h</sup>.
- p = afternoon, between the second and third daily observations, i.e., from 14<sup>h</sup> to 20<sup>h</sup>.
- n = night, from 20<sup>h</sup> to 24<sup>h</sup>.

Figures based on incomplete information have been printed in *italics*. The extreme readings are indicated by **heavy type**.

The observations are taken at 8<sup>h</sup>, 14<sup>h</sup> and 20<sup>h</sup> Egyptian standard time, which is two hours fast on Greenwich mean time. The maximum temperature is read at 20<sup>h</sup> at second-order stations; at third-order stations it is read at 8<sup>h</sup> and entered as for the previous day. The minimum temperature is read at 8<sup>h</sup> and entered as for the same day. The rainfall and the evaporation are recorded at 8<sup>h</sup> and entered as for the previous day. All observations have been corrected for instrumental errors.

The diurnal means are derived from the observations as follows:—

At Stations observing	Temperature.		Relative Humidity.	Pressure, Vapour Pressure, Cloudiness and Wind Force.
	(8 <sup>h</sup> + 14 <sup>h</sup> + 20 <sup>h</sup> + min.) / 4	(8 <sup>h</sup> + 20 <sup>h</sup> ) / 2		
Three daily.			(8 <sup>h</sup> + 20 <sup>h</sup> ) / 2	(8 <sup>h</sup> + 14 <sup>h</sup> + 20 <sup>h</sup> ) / 3
Twice "		(8 <sup>h</sup> + 20 <sup>h</sup> ) / 2	"	(8 <sup>h</sup> + 20 <sup>h</sup> ) / 2
Once "	(Max. + Min.) / 2		8 <sup>h</sup>	—

The corrections to the means so derived to reduce them to true daily means have been published as follows: for Abbâsiya in the Introduction to the Annual Meteorological Report for 1905, Part II; for Helwân in that of the Report for 1910, Part I; and for Khartoum in that of the Report for 1911, Part II. For a detailed analysis of the hourly readings at Khartoum, Alexandria and Helwân reference should be made to Physical Department Papers Nos. IX, XIX, and XX. The following table shows corrections which have to be applied to the conventional means in order to reduce them to true means:—

CORRECTIONS TO BE APPLIED TO CONVENTIONAL MEANS TO REDUCE TO TRUE MEANS.

	January.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.	Year.
PRESSURE IN MILLIMETRES.													
Alexandria (1913-15, 19-21) ...	- 0.01	- 0.01	- 0.02	- 0.04	- 0.06	- 0.07	- 0.07	- 0.06	- 0.05	- 0.03	- 0.02	- 0.02	- 0.04
Abbassia (1900-03) ...	+ 0.04	+ 0.06	+ 0.03	+ 0.01	+ 0.02	+ 0.04	+ 0.11	+ 0.07	+ 0.02	+ 0.02	+ 0.02	+ 0.02	+ 0.04
Helwan (1906-19) ...	+ 0.04	+ 0.01	0.00	- 0.03	+ 0.01	+ 0.02	+ 0.03	+ 0.02	+ 0.01	+ 0.00	+ 0.03	+ 0.03	+ 0.04
Khartoum (1908-11, 21) ...	- 0.07	+ 0.01	- 0.03	- 0.09	- 0.03	- 0.07	- 0.05	+ 0.01	- 0.04	+ 0.01	- 0.04	- 0.08	- 0.04
TEMPERATURE IN DEGREES CENTIGRADE.													
Alexandria (1913-15, 19-21) ...	+ 0.5	+ 0.6	+ 0.6	+ 0.6	+ 0.5	+ 0.5	+ 0.4	+ 0.3	+ 0.3	+ 0.5	+ 0.5	+ 0.6	+ 0.5
Abbassia (1900-03) ...	+ 1.1	+ 1.0	+ 1.0	+ 1.0	+ 0.8	+ 0.8	+ 0.5	+ 0.6	+ 0.5	+ 0.8	+ 0.9	+ 0.0	+ 0.8
Giza (1920, 23) ...	+ 0.6	+ 0.5	+ 0.8	+ 0.6	+ 0.6	+ 0.2	+ 0.4	+ 0.3	+ 0.7	+ 0.5	+ 0.3	+ 1.0	+ 0.6
Helwan (1906-19) ...	+ 0.8	+ 0.8	+ 0.8	+ 0.8	+ 0.7	+ 0.7	+ 0.6	+ 0.5	+ 0.5	+ 0.6	+ 0.7	+ 0.7	+ 0.7
Khartoum (1908-12) ...	+ 1.3	+ 1.1	+ 1.2	+ 1.1	+ 1.0	+ 1.1	+ 0.7	+ 0.9	+ 0.8	+ 0.9	+ 1.0	+ 1.2	+ 1.0
RELATIVE HUMIDITY PER CENT.													
Alexandria (1913-15, 19-21) ...	- 4	- 4	- 3	- 2	- 1	- 2	- 2	- 2	- 2	- 2	- 4	- 5	- 3
Abbassia (1901-03) ...	- 7	- 7	- 8	- 6	- 1	- 2	- 3	- 4	- 5	- 7	- 6	- 5	- 5
Giza (1920-23) ...	- 7	- 3	- 6	- 3	- 3	- 2	- 4	- 6	- 6	- 5	- 7	- 9	- 5
Helwan (1906-19) ...	- 4	- 5	- 6	- 4	- 3	- 3	- 3	- 4	- 4	- 6	- 5	- 4	- 4
Khartoum (1908-11, 20, 21) ...	- 3	- 2	- 2	- 2	- 2	- 2	- 4	- 4	- 3	- 2	- 3	- 3	- 3
VAPOUR PRESSURE IN MILLIMETRES.													
Alexandria (1913-15, 19-21) ...	- 0.1	+ 0.2	0.0	- 0.2	- 0.1	- 0.2	- 0.4	- 0.4	- 0.2	- 0.2	0.0	+ 0.1	- 0.1
Abbassia (1901-03) ...	+ 0.1	0.0	0.0	+ 0.1	+ 0.2	+ 0.2	+ 0.5	+ 0.3	+ 0.1	0.0	+ 0.2	+ 0.2	+ 0.2
Helwan (1906-19) ...	0.0	0.0	0.0	+ 0.1	+ 0.2	+ 0.2	+ 0.4	+ 0.5	+ 0.3	+ 0.1	+ 0.1	+ 0.1	+ 0.1
Khartoum (1908-11) ...	- 0.4	- 0.1	- 0.2	- 0.4	- 0.3	+ 0.7	+ 0.6	+ 0.7	+ 0.6	- 0.2	- 0.4	- 0.2	0.0

PRESSURE.—The barometric readings are given in millibars. The mean reduction to mean sea-level for the month or for the year is given at the top of the tables for some of the stations.

HUMIDITY.—In computing humidities, Jelinek's Psychrometertafeln (Leipzig 1911) have been used but no correction for wind velocity has been applied. It is not uncommon, especially in the Sudan, for the relative humidities obtained to fall below 10 or even 5 per cent, on which occasions an extension of the tables based on the same formula is employed. It has even happened on various occasions that the value of the relative humidity deduced from the formula which was used in constructing Jelinek's tables and corrected for wind force, has been negative. In these cases the value has been taken as zero. In this connection it may be mentioned that a Report on Psychrometer Formulae based on observations in Egypt and the Sudan, by E. B. H. Wade, was published as Physical Department Paper No. 2. The observed corrections to Jelinek's Tables were found to be negligible over the range of low humidities examined.

WIND.—The wind force is given in terms of numbers on the Beaufort Scale when the force has been estimated, or in kilometres per hour when the velocity has been measured by an anemometer. Where the wind force is estimated, the values in many cases appear to be higher than may be expected on comparison with the values for stations similarly situated where the force is obtained by conversion of

anemometer readings. There is probably a general tendency on the part of observers to over-estimate wind force, and of anemometers to record too low, chiefly owing to the difficulty of obtaining good exposures for them. The following table gives the adopted conversion from this scale to kilometres per hour and miles per hour:—

Wind.	Scale 0-10.	Kilometres per hour.	Miles per hour.
Calm ... ... ...	0	0-1	0-1
Light Air ... ...	1	2-6	2-3
Slight Breeze ...	2	7-12	4-7
Gentle Breeze ...	3	13-18	8-11
Moderate Wind ...	4	19-26	12-16
Fresh Wind ...	5	27-35	17-21
Strong Wind ...	6	36-44	22-27
High Wind ...	7	45-54	28-33
Gale ... ...	8	55-65	34-40
Strong Gale ...	9	66-77	41-48
Whole Gale ...	10	78-90	49-56

**RAIN.**—The raingauge is cylindrical with a catchment area of 200 square centimetres, and except where otherwise stated the height of the rim is approximately one metre above the ground.

**EVAPORATION.**—The evaporation is measured in a screen with a Piche evaporimeter. The figures given are those actually measured by the instrument. The factors to convert from one type of evaporimeter to another and to the evaporation from a surface of open water depend on the particular type of screen in use, as well as on the type of evaporimeter.

An account of some experiments on this point is given in "Evaporation in Egypt and the Sudan," by B. F. E. Keeling, Survey Department Paper No. 15 (1909). Further experiments with Piche evaporimeters in screens, and with tanks floating in the water are being carried out, as evaporation is a very important element in Egypt. An approximate factor by which Wild readings should be multiplied in order to convert them to Piche readings is 1.4, for a large double-louvred screen such as the Egyptian type screen and 1.2 for a small single-louvred screen such as the Sudan type screen. Evaporation from a surface of fresh water is obtained (roughly) by multiplying Piche readings by 0.6, but there are many factors which enter into the conversion, and have to be determined for each station. See also Physical Department Paper No. 26, "The Nile Basin," Vol. I.

**SUNSHINE.**—The duration of bright sunshine is measured by means of Campbell-Stokes sunshine recorders and the results are given in separate tables.

For a report on observations of duration of sunshine in Egypt, reference should be made to Physical Department Paper No. 15 and to the Introduction of the Meteorological Report for 1921.

**EXPOSURE OF INSTRUMENTS.**—The thermometers and evaporimeters are exposed in louvred screens, full descriptions of which are given in "Instructions for Meteorological Observers in Egypt and the Sudan." The type in use in Egypt is louvred on three sides but open to the north except for wire gauze; in the Sudan type there are louvres on all four sides. The type in use at most of the Egyptian stations differs from the standard screen at Helwân Observatory in being slightly smaller and in being single-louvred instead of double-louvred. A few of the Egyptian stations have double-louvred screens. The height of the platform is 1.3 metres above the ground. The type of screen has an appreciable effect on the evaporation recorded. For a comparison of temperature readings taken in the screen with those taken by means of an Assmann ventilated psychrometer see Introduction to the Meteorological Report for 1920.

**EARTH AND RIVER TEMPERATURES.**—There are two earth thermometers in use at Giza, Qurashiya, Sakha and Qasr el Gebali, the depths being 0.60 and 1.10 metres. At Giza the temperature at a depth of 2.09 metres also is observed.

The temperature of the water at a depth of 1.5 metres in Aswân Reservoir is read once a week at 7 h. At the Delta Barrage and at Atf readings are taken daily at 8 h., while at Asyût and at the Zeraf cut in the saddr region of the southern Sudan readings are taken daily at 8 h. and 14 h.

**NORMAL VALUES.**—Climatological normals for Egypt, the Sudan, Candia and Cyprus, and for some stations in Abyssinia, based on observations up to 1920, were published in 1922.

**DIFFERENCES FROM NORMAL BY DISTRICTS.**—In the tables showing the Differences from Normal by Districts of the pressure and temperature, the following stations were used to represent the districts:—

DISTRICT.	STATIONS.
1. Mediterranean Coast ... ... ...	Mersa Matruh, Alexandria, Port Said.
2. Middle Egypt ... ... ... ...	Qurashiya, Giza, Helwán.
3. Upper Egypt ... ... ... ...	Asyút, Aswán, Wadi Halfa.
4. North Sudan ... ... ... ...	Merowe, Atbara, Khartoum, Kassala.
5. Red Sea ... ... ... ...	Port Sudan.
6. Central Sudan... ... ... ...	Wad Medani, Dueim, El Obeid, Roseires.
7. South Sudan ... ... ... ...	Malakal, Wau, Mongalla.

For rainfall the number of representative stations used increased from 45 in 1927 to 53 in 1930.

**BIBLIOGRAPHY.**—The List of Publications and References to articles relating to the meteorology of Egypt and the Sudan has been revised.

*May, 1932.*

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## METEOROLOGICAL STATIONS 1827-1930.

STATION.	Order.	Year of Commencement.	Latitude. N.	Longitude. E.	Altitude. m.	OBSERVATIONS MADE OR SUPPLIED BY	
						°	'
Candia ...	II	1908	35 20	25 8	27° 1	C. C. Zouraris.	
Nicosia ...	II	1907	35 9	33 22	159° 1	Public Works Department, Cyprus.	
Limassol ...	II	1913	34 41	33 3	16° 8	"	
Acre ...	II	1928	32 55	35 4	18° 7	Department of Agriculture, Palestine.	
Haifa ...	II	1921	32 48	34 59	10	"	"
Beisan ...	II	1930	32 30	35 30	— 118	"	"
Jenin ...	II	1921	32 27	35 18	160	"	"
Jericho ...	II	1921	31 51	35 27	— 250	"	"
Jerusalem... ...	III	1918	31 47	35 13	757° 5	"	"
Gaza ...	III	1921	31 30	34 27	35° 1	"	"
Beersheba... ...	III	1921	31 14	34 48	286	"	"
Salum ...	III	1919	31 33	25 11	7	Frontiers Administration.	"
Damietta ...	III	1907	31 25	31 49	2° 2	Engineer of Electricity and Water Works.	
Rosetta ...	III	1929	31 24	30 25	2	Ports and Lighthouses Administration.	
Mersa Matruh ...	II	1919	31 22	27 14	7° 2	Frontiers Administration.	
Ashtum el Gamil ...	III	1930	31 19	32 10	2	Coast Guard Administration.	
Port Said ...	II	1886	31 16	32 19	3° 5	Captain of the Port.	
Sirw ...	II	1929	31 14	31 39	2	Engineer of Pumps Station.	
Alexandria (Kom el Nadura) ...	II	1871	31 12	29 53	32	Ports and Lighthouses Administration.	
Sakha ...	II	1907	31 7	30 57	6	State Domains Administration.	
Mansura ...	III	1914	31 3	31 23	7	Official of the Municipality.	
Damanhur ...	III	1929	31 2	30 28	5° 7	Irrigation Staff.	
Qurashiya ...	II	1907	30 51	31 7	7° 6	State Domains Administration.	
Gemmeiza ...	II	1929	30 48	31 7	8° 6	Inspector of Agriculture.	
Tanta... ...	II	1927	30 47	31 0	10° 4	Medical Officer, Civil Hospital.	
Zagazig ...	II	1913	30 35	31 30	11° 2	Engineer of Electricity and Water Works.	
Benha ...	III	1912	30 28	31 11	13° 8	Irrigation Staff.	
Khanka ...	III	1921	30 13	31 21	30° 8	Main Drainage Department.	
Delta Barrage... ...	III	1924	30 11	31 8	19° 6	Inspector of Horticultural Section.	
Heliopolis ...	III	1908	30 6	31 19	4°	Heliopolis Oases Co.	
Cairo (Ezbekiya) ...	II	1909	30 3	31 15	20° 5	Physical Department Staff.	
Giza ...	II	1902	30 2	31 13	27° 8	" Captain of the Port. "	
Suez ...	II	1921	29 56	32 31	3° 4	Observatory Staff.	
Helwan ...	I	1904	29 52	31 20	115° 6	Irrigation Staff.	
Shakshuk... ...	II	1928	29 28	30 42	— 43	"	"
Qasr el Gebali ...	II	1907	29 20	30 38	7° 6	Frontiers Administration.	
Faiyum ...	II	1928	29 18	30 51	30° 4	Official, Quarantine Station.	
Siwa... ...	III	1911	29 12	25 20	— 23	Irrigation Staff.	
Tör ...	II	1905	28 14	33 37	1° 9	Frontiers Administration.	
Minya ...	III	1907	28 0	30 46	43° 0	Barrage Staff.	
Hurghada ...	III	1927	27 14	33 51	3	Irrigation Staff.	
Asyut ...	II	1900	27 11	31 13	55° 2	Frontiers Administration.	
Qena ...	III	1913	26 10	32 43	73	Resident Engineer.	
Quseir ...	III	1927	26 8	34 18	7	Frontiers Administration.	
Nag Hammadi ...	III	1928	26 3	32 15	69	Lighthouse Keeper.	
Kharga ...	III	1926	25 26	30 34	71° 6	Reservoir Staff.	
Dædalus ...	III	1929	24 55	35 52	4	Medical Officer.	
Aswân ...	II	1900	24 2	32 53	100° 1	Civil Medical Officer.	
Wadi Halfa ...	II	1900	21 55	31 19	125° 6	Superintendent of Agriculture, Red Sea Province.	
Port Sudan ...	II	1905	19 37	37 13	5° 5	Medical Officer.	
Suakin ...	III	1900	19 7	37 20	4° 5	Medical Officer.	
Gebbeit ...	III	1916	18 56	30 51	800	General Manager, Sudan Government Railways, Athera.	
Merowe ...	II	1905	18 20	31 50	255° 1	Civil Medical Officer.	
Tokar ...	III	1913	18 25	37 40	18	Medical Officer.	
Atbara ...	II	1902	17 40	33 58	354° 5	Sudan Plantations Syndicate.	
Zeidab ...	II	1913	17 23	33 55	305	Kassala Cotton Co.	
Aroma ...	III	1925	15 40	30 17	44° 5	Central Research Farm.	
Khartoum (North) ...	III	1913	15 40	32 34	390	R. Cottam Wellcome Tropical Research Laboratories.	
(Gordon College) ...	I	1908	15 37	32 33	390	Medical Officer.	
Kassala ...	II	1900	15 28	36 24	505	Resident Engineer.	
Gebel Aulia ...	III	1920	15 14	32 30	380	Gezira Agricultural Research Service.	
Wad Turabi ...	III	1930	15 5	33 3	393° 2	"	"
Wad Shair ...	III	1929	14 42	33 17	399° 6	Medical Officer.	
Tayiba ...	III	1913	14 29	33 23	410	Chief Inspector, Gezira Research Farm.	
Wad Medani (Hospital) ...	II	1900	14 24	33 31	406° 5	Civil Medical Officer.	
(Research Farm)...	II	1918	14 24	33 30	405° 8	Gezira Agricultural Research Service.	
El Dueim ...	II	1902	14 0	32 20	379° 1	Medical Officer.	
Hag Abdulla ...	III	1930	13 58	33 35	415° 3	Medical Officer.	
El Fasher...	II	1918	13 32	25 18	730	Resident Engineer, Sennar Dam.	
Makwar ...	III	1922	13 30	33 40	418° 8	Medical Officer.	
El Obeid ...	II	1901	13 11	30 14	563° 1	Agriculture and Forests Department Staff.	
Singa ...	III	1912	13 0	33 57	436° 3	Medical Officer.	
Gallabat ...	II	1905	12 48	36 10	762° 5	Irrigation Service, Upper White Nile Division.	
Rosieres ...	II	1904	11 51	34 23	466° 9	American Mission Staff.	
Malakal ...	II	1915	9 35	31 37	393° 0	District Commissioner.	
Hillet Doleib ...	III	1903	9 18	31 38	† 391	"	"
Kafia Kingi ...	II	1910	9 17	24 30	506	Inspector of Irrigation, Upper White Nile Division.	
Raga ...	II	1927	8 27	25 47	460	Superintendent Gambela Customs.	
Baro-Pibor ...	II	1929	8 26	33 14	402	Inspector of Irrigation, Upper White Nile Division.	
Gambela ...	III	1908	8 15	34 35	410	Medical Officer.	
Zeraf Cut... ...	II	1927	7 47	30 34	400	Senior Medical Inspector.	
Wau ...	II	1902	7 42	28 3	440	Medical Officer.	
Yubo... ...	III	1928	5 24	27 15	600	Church Missionary Society's School.	
Mongalla ...	II	1903	5 11	31 47	447° 8	District Commissioner.	
Juba ...	III	1925	4 53	31 35	475° 5	Principal C.M.S School.	
Torit ...	III	1922	4 25	32 31	635	Catholic Mission.	
Loka ...	III	1929	4 22	30 57	?		
Lerua ...	III	1927	4 0	32 35	1300		

The altitudes given are those of the station barometer, found by levelling.

\* Barometric altitude.

† Altitudes from spirit levelling with extrapolation for short distances by the slope of the river.

## RAINFALL STATIONS 1927-1930.

STATION.	LATITUDE.		LONGITUDE.		ALTITUDE. METRES.	REMARKS.
	N.	E.				
Egypt:—						
SIDI BARRANI	31	38	25	58	27	Mediterranean coast.
RAS EL DABA'Ä	31	6	28	28	15	Near "Lake Mariut."
AMBIA	29	48	31	1	11	West "of Lake" Mariut.
BORG EL ARAB	31	1	29	48	10	Near Alexandria.
HAMMAM	30	50	29	25	15	" Lake Edku.
MEX	31	9	29	51	5	" Mediterranean coast.
KOM EL TARFAIA	31	14	30	9	—	" Lake Edku.
TOLOMBAT	31	18	30	4	—	" Mediterranean coast (Lighthouse).
BOSILLI	31	20	30	24	10	Delta (North West).
BOROLLOS	31	36	31	5	6	" " "
ATF	31	12	30	32	6	Mediterranean Coast (Lighthouse).
KAFR EL DAWAR	31	8	30	8	4	Sinai. " " "
HOSH ISSA	30	54	30	18	5	Suez Canal.
DAMIETTA	31	31	31	49	2	Delta (East).
EL 'ABISH	31	7	33	46	19	" (Central).
EL THEMED	29	40	34	22	616	" "
ISMAILIA	30	36	32	16	10	
FAQUS	30	45	31	50	10	
KAFR EL SHEIKH	31	7	30	57	7	
KAFR EL ZAYAT	30	49	30	51	10	
Sudan:—						
ABU HAMED	19	30	38	20	310	Berber Province.
SALLOM	19	28	37	10	215	Red Sea Coast.
SINKAT	18	49	36	46	871	Red Sea Hills.
TALGWAREB	18	17	35	55	539	" "
THAMIAM	18	22	36	34	647	Red Sea Coast.
AKIK	18	14	38	8	—	Hills.
KARORA	17	39	38	16	—	River Atbara.
KHASHM EL GIRBA	14	59	35	57	480	River Athara Basin.
GEDAREF	14	2	35	24	610	Blue Nile Basin.
ABU DELIG	15	55	43	19	400	(Irrigation Office).
KHARTOUM	15	37	32	33	383	Blue Nile.
KAMLIN	15	2	33	3	395	Blue Nile (Irrigation Office).
RUQFA'Ä	14	48	33	19	403	Blue Nile Basin.
HASSA HEISSA	14	42	33	17	404	Blue Nile.
WAD MEDANI	14	24	33	31	410	Blue Nile Basin.
MANAGIL	14	13	32	58	390	Blue Nile.
WAD HADDAD	13	48	33	33	416	Blue Nile.
MAFAZA	18	37	34	32	435	River Rahad (Blue Nile Basin).
SENNAR	18	36	33	36	426	Blue Nile.
ABU HASHIM	18	2	34	18	412	River Dinder (Blue Nile Basin)
KARKOJ	12	54	34	5	412	Blue Nile.
DAB FUÑG	11	17	33	55	500	Blue Nile Basin.
HEIBAN	11	5	30	5	—	Kordofan.
KURMUK	10	50	34	26	900	Blue Nile Basin.
GANTEINA	14	49	32	23	384	White Nile.
KAWA	13	47	32	31	380	" "
KOSTI	13	10	32	40	383	" " Basin.
TENDELTI	13	2	31	55	—	" " "
JEBELEIN	12	37	32	50	379	" " "
RENK	11	45	32	47	386	" " "
MELUT	10	29	32	11	387	" " "
KODOK	9	53	32	7	389	" " "
TONGA	9	28	31	3	390	" " "
BARA	13	42	30	22	490	Kordofan.
OM RUABA	12	53	31	17	451	" "
EL NAHUD	12	41	28	26	600	" "
AL RAHAD	12	43	30	39	498	" "
RASHAD	12	6	31	15	580	" "
DILLING	12	2	29	38	600	Dilling.
KUTTUM	11	12	24	39	—	Darfur.
GENEINA	13	27	22	27	—	" "
ZALENGI	12	55	23	28	—	" "
NYALA	12	4	24	56	837	Kordofan.
KADUGLI	11	0	29	43	503	" "
TALODI	10	39	30	24	1,100	River Sobat.
ABWONG	9	7	32	12	492	River Pibor.
NASSER	8	28	38	3	397	Bahr el Ghazal.
AKOBO POST	7	48	38	3	403	" "
PIBOR POST	6	50	38	8	410	" "
MESHE A EL BEK	8	27	29	16	390	" "
RAGA	8	27	25	47	460	" " Basin
RUM BEK	6	49	29	39	460	" " "
MEE'DI	4	55	29	30	748	" " "
YAMBO	4	27	28	24	724	" el Zeraf.
FANGAK	9	0	30	50	888	" el Jebel.
GHABA SHAMBE	7	7	30	48	405	" "
BOR	6	12	31	38	422	" "
MALEK	6	4	31	36	422	" "

**RAINFALL STATIONS 1927-1930 (continued).**

STATION.	LATITUDE N.	LONGITUDE E.	ALTITUDE METRES.	REMARKS.		
Sudan (continued):—	•	•	•			
TERRIKAKA ... ... ... ... ... ...	5	26	31	45	437	Bahr el Jebel.
AMADI ... ... ... ... ... ...	5	18	30	27	500	" " Basin.
REJAF... ... ... ... ... ...	4	45	31	36	465	" " "
YEI ... ... ... ... ...	4	7	30	40	830	" " Basin.
OPARI... ... ... ... ...	3	55	32	3	785	" " "
KAJO KAJI ... ... ... ...	3	54	31	40	1,030	" " "
NIMULE ... ... ... ...	3	38	32	3	620	" " "
MESHRA SURUR (Nimule Discharge Site)	3	38	32	3	612	" "
Abyssinia :—						
ADIS ABABA ... ... ... ...	9	2	38	45	2,440	
ADAMI TULLU ... ... ... ...	8	0	39	0	1,650	Lake Zwai.
GORE ... ... ... ...	8	10	35	38	2,130	Sobat Basin.
SAYO ... ... ... ...	7	55	36	36	2,300	"
DANGILA ... ... ... ...	11	25	36	55	—	Blue Nile.
Somalliland :—						
DJIBOUTI ... ... ... ...	11	35	40	55	6	

**REPORT FOR 1927.**

## Differences from Normal by Districts.

1927.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
PRESSURE AT (8 <sup>h</sup> ) IN MILLIBARS.													
1. Mediterranean Coast ... ... ... ... ...	+0.7	+0.8	+1.2	+0.1	+0.8	-0.4	-0.4	+0.1	-0.7	+0.4	+1.3	-0.5	+0.3
2. Middle Egypt ... ... ... ... ...	0.0	+0.4	+0.8	-0.5	-0.2	-0.9	-1.2	-0.6	-1.2	-0.4	+0.3	-1.6	-0.4
3. Upper Egypt... ... ... ... ...	-1.1	+0.8	+0.4	-0.0	-0.8	-0.2	-0.8	-0.3	-1.1	-0.7	-0.4	-2.4	-0.6
4. North Sudan... ... ... ... ...	-1.7	+0.5	-0.4	-0.1	-1.0	-0.4	-0.3	-0.7	-1.3	-1.2	-0.5	-2.4	-0.8
5. Red Sea ... ... ... ... ...	-0.5	+0.5	+0.3	-0.4	-0.3	0.0	0.0	-0.3	-1.1	0.0	-0.5	-1.3	-0.3
6. Central Sudan ... ... ... ... ...	-1.9	-0.7	-1.1	-0.5	-0.5	-0.8	-0.4	-0.4	-0.5	-1.7	-1.6	-2.8	-1.1
7. South Sudan ... ... ... ... ...	-1.1	-0.2	+0.7	-0.5	0.0	+0.3	+0.4	-0.1	-0.3	-1.0	-0.4	-1.5	-0.3
TEMPERATURE (MAXIMUM + MINIMUM) /2 IN DEGREES CENTIGRADE.													
1. Mediterranean Coast ... ... ... ... ...	+0.6	-1.5	+0.3	-0.5	+0.2	+0.7	+1.7	+0.9	+0.8	+1.2	+1.7	+1.4	+0.6
2. Middle Egypt ... ... ... ... ...	+0.1	-1.5	+0.3	-0.6	+1.4	+1.1	+1.7	+1.0	+0.9	+1.9	+1.4	+1.4	+0.8
3. Upper Egypt... ... ... ... ...	+0.1	-2.3	-0.1	-1.8	+1.1	-0.5	+0.5	+0.4	+0.2	+2.3	+0.9	+2.0	+0.2
4. North Sudan... ... ... ... ...	+2.1	-0.8	+0.4	-1.1	+0.6	+0.7	-0.1	+0.6	+0.2	+1.6	0.0	+2.6	+0.6
5. Red Sea ... ... ... ... ...	+1.2	-0.6	+0.3	-0.9	+1.0	+1.2	+1.2	+1.3	+1.1	+1.2	+0.8	+1.6	+0.8
6. Central Sudan ... ... ... ... ...	+1.7	-0.1	+0.8	-1.0	+0.5	+0.8	+0.2	+0.6	-0.2	+1.5	+0.4	+2.6	+0.6
7. South Sudan ... ... ... ... ...	+0.7	+0.2	-1.2	+0.4	+0.9	+0.5	+0.1	-0.1	+0.7	+1.4	+0.6	+2.5	+0.6
RAINFALL IN MILLIMETRES.													
1. Mediterranean Coast ... ... ... ... ...	- 26	+ 30	- 10	0	- 1	0	0	0	0	- 7	+ 54	- 18	+ 22
2. Middle Egypt ... ... ... ... ...	- 6	+ 6	- 6	- 2	- 2	0	0	0	0	- 1	+ 6	- 4	- 9
3 Upper Egypt... ... ... ... ...	-	-	-	-	-	-	-	-	-	-	-	-	-
4. North Sudan... ... ... ... ...	0	0	0	- 1	- 2	- 3	+ 24	+ 4	+ 12	+ 1	0	0	+ 35
5. Red Sea ... ... ... ... ...	- 1	- 4	- 1	- 2	- 2	- 1	+ 4	- 7	- 3	- 12	- 19	+ 6	- 42
6. Central Sudan ... ... ... ... ...	0	0	- 1	- 4	- 7	+ 5	+ 6	- 20	+ 42	- 14	- 2	0	+ 5
7. South Sudan ... ... ... ... ...	- 1	+ 1	+ 16	- 30	- 24	- 42	+ 40	- 35	- 52	- 55	- 1	0	- 183

**MONTHLY SUMMARIES**  
**1927.**

## Summary of Meteorological Observations

 $\phi = 31^\circ 12' \text{ N.}$        $\lambda = 29^\circ 53' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE).										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1927</b>																			
January ... ... ...	1014.8	13.2	18.3	15.1	14.5	10.6	11.3	22.0	1,18	8.4	11	74	58	66	70	11.1	12.1	11.2	11.5
February ... ... ...	13.9	12.2	16.1	13.7	13.0	17.0	10.3	22.7	21	6.6	14	74	62	69	72	10.4	11.2	10.7	10.8
March ... ... ...	13.2	16.3	19.7	16.3	16.5	20.1	13.8	24.4	11	11.3	25	75	63	71	73	13.7	14.3	13.1	13.7
April ... ... ...	10.2	18.7	21.7	17.0	18.5	22.2	15.7	29.0	15	12.8	3	69	60	73	71	14.8	15.2	14.8	14.9
May ... ... ...	10.0	22.5	24.7	21.2	21.8	25.1	18.7	36.1	11	16.0	2	73	71	82	78	19.6	21.6	20.4	20.5
June ... ... ...	7.9	25.4	27.8	23.0	24.8	28.5	22.0	31.6	30	20.0	3	75	70	85	80	24.0	26.0	24.8	24.9
July ... ... ...	4.8	27.6	30.1	26.2	27.2	31.6	24.7	33.6	14	23.8	9	75	69	80	78	27.4	29.3	27.0	27.9
August ... ... ...	6.0	28.0	30.5	26.4	27.4	31.0	24.7	33.2	11	22.4	1	70	63	78	74	26.1	27.2	26.5	26.6
September ... ... ...	8.7	26.0	28.6	25.2	26.1	30.6	23.7	32.5	19	21.0	24	70	62	76	73	23.9	24.1	24.1	24.0
October ... ... ...	12.3	24.6	27.4	23.8	24.3	29.7	21.4	34.2	1,7	18.3	31	71	61	73	72	21.7	21.7	21.3	21.6
November ... ... ...	14.3	20.8	23.3	20.4	20.8	25.4	18.5	28.4	1	15.3	30	75	64	75	75	18.4	18.2	17.8	18.1
December ... ... ...	13.2	15.0	20.5	16.9	16.6	21.6	13.5	26.7	9	10.5	26,27	74	57	60	73	13.1	13.5	13.2	13.3
YEAR ... ...	1010.8	21.0	24.1	20.6	21.0	25.3	18.2	—	—	—	—	73	63	75	74	18.7	19.5	18.7	19.0

## Summary of Meteorological Observations

 $\phi = 30^\circ 51' \text{ N.}$        $\lambda = 31^\circ 7' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1927</b>																			
January ... ... ...	1017.5	7.8	19.1	10.8	10.4	20.3	4.0	22.9	20	1.0	10	87	51	82	84	9.2	11.1	10.5	10.3
February ... ... ...	16.6	8.9	17.3	10.4	10.2	18.4	4.4	24.3	21	0.6	18	86	54	80	83	9.7	10.3	10.0	10.0
March ... ... ...	15.8	13.0	23.3	14.2	14.6	24.3	7.0	28.7	30	3.9	7	82	46	82	82	12.9	13.1	13.2	13.1
April ... ... ...	12.3	18.1	26.6	17.1	17.8	27.5	9.2	36.2	19	5.8	10,11	70	33	71	70	14.5	11.1	13.6	13.1
May ... ... ...	11.6	23.3	32.9	22.3	23.1	34.0	14.0	43.6	15	10.7	4	67	33	70	68	19.0	16.4	18.4	17.9
June ... ... ...	9.5	26.4	36.0	25.8	26.5	37.2	17.7	41.7	30	14.8	14	65	28	65	65	21.7	16.5	21.2	19.8
July ... ... ...	6.6	28.1	37.2	27.3	28.1	38.8	19.9	42.3	5	17.7	26	71	32	69	70	26.7	20.0	24.8	23.8
August ... ... ...	7.0	27.3	35.5	26.6	27.3	36.6	19.9	39.5	13	18.3	4	74	37	72	73	26.5	21.2	24.9	24.2
September ... ... ...	10.7	25.3	33.0	24.2	25.1	34.2	18.0	37.3	19	16.5	30	77	42	77	77	24.4	21.2	23.2	22.9
October ... ... ...	14.6	22.7	30.8	22.1	23.0	31.7	16.3	36.1	1	14.1	24	81	53	85	83	22.1	23.0	22.4	22.5
November ... ... ...	16.8	18.5	25.6	18.0	18.8	27.2	13.1	30.7	16	10.2	27	87	61	89	88	18.5	20.0	18.4	19.0
December ... ... ...	16.2	12.4	21.7	13.7	13.9	22.8	7.8	27.7	9	1.4	27	83	52	81	82	11.9	13.3	12.7	12.6
YEAR ... ...	1013.0	19.4	28.2	10.4	19.9	29.4	12.6	—	—	—	—	78	44	77	77	18.1	16.4	17.8	17.4

## at ALEXANDRIA (Kôm el Nadûra) for the year 1927.

$H = 32$  m.       $h_t = 1.7$  m.       $h_r = 2.0$  m.       $C_h = + 3.7$  m.b.

CLOUD AMOUNT (0-10)				RAINFALL (mm.)			DAYS WITH		WIND										EVAPORATION mm. per day
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm.	VELOCITY		DIRECTION								Piche
					Amount	Date			Mean of day Kms. per hour.		N	NE	E	SE	S	SW	W	NW	
4.5	5.0	3.3	4.3	35.2	8.6	7	11	6	13.2	7	12	4.5	4	6.5	18.5	13.5	25	2	3.47
5.6	6.2	6.4	6.1	71.8	14.9	11	13	11	18.5	18	9	4.5	7	7	5	10	21.5	2	3.74
4.1	3.2	2.6	3.3	5.3	4.6	5	3	1	15.1	22.5	19.5	5.5	5	2	1	14	19.5	4	3.37
3.0	3.2	2.5	2.9	5.7	5.4	20	2	1	16.2	20	21	4	3.5	3	1	11	26.5	0	4.12
2.3	0.3	1.1	1.2	0.0	0.0	—	0	0	14.2	33.5	18.5	2	4	1	0	5.5	22.5	6	4.11
1.0	0.7	1.2	1.0	0.0	0.0	—	0	0	16.8	26.5	10	1	0.5	0.5	1	6.5	4.2	2	3.53
1.3	0.3	0.5	0.7	0.0	0.0	—	0	0	18.4	33	4.5	0	0	0	0	4.5	5.0	1	4.25
3.1	1.3	1.5	2.0	0.0	0.0	—	0	0	13.3	36	7	1	0	1	0	6.5	38.5	3	4.83
4.1	1.7	2.4	2.7	0.0	0.0	—	0	0	12.2	53.5	11	0	0	0	0	3.5	20	2	4.92
4.3	3.0	1.8	3.0	Drops	Drops	12, 13, 14	0	0	10.4	33.5	28.5	8	5.5	6.5	0.5	2	6.5	2	4.92
5.0	5.0	3.2	4.4	168.0	53.0	3	7	7	8.5	20	34	14.5	2	3	2	2	5.5	7	3.85
5.0	4.5	2.2	3.9	29.1	20.0	11	6	5	10.7	11.5	8.5	12.5	9.5	8.5	14	10	12.5	6	4.27
3.6	2.9	2.4	3.0	310.1	—	—	42	31	14.0	315	183.5	57.5	41	39	43	89	290	37	4.13

## at QURASHIYA for the year 1927.

$H = 7.6$  m.       $C_h = + 0.9$  m.b.

CLOUD AMOUNT (0-10)				RAINFALL (mm.)			DAYS WITH		WIND										EVAPORATION mm. per day	
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm.	VELOCITY		DIRECTION								Piche	
					Amount	Date			Mean of day Kms. per hour.		N	NE	E	SE	S	SW	W	NW		
4.9	3.9	1.1	3.3	4.5	4.5	27	1	1	3.2	0	2	3	6	1	20	2	4	49	1.81	
4.0	5.1	4.0	4.4	35.1	7.1	17	10	7	7.5	0	1	0	3.5	1.5	27.5	4	11.5	35	1.97	
2.8	1.8	0.6	1.7	2.1	2.1	5	1	1	4.3	0	4	3	10	0	16	2	13	45	3.01	
2.6	3.1	1.9	2.5	4.7	4.3	6	2	1	5.1	0	2	2	23.5	2.5	15	2	6	37	4.48	
1.6	1.0	0.1	0.9	0.0	0.0	—	0	0	2.3	0	1.5	0.5	18	1.5	9.5	0	3	59	6.39	
0.4	0.4	0.0	0.3	0.0	0.0	—	0	0	3.7	0	0	0	20	1	14	1	11	43	7.41	
1.3	0.7	0.1	0.7	0.0	0.0	—	0	0	5.1	0	0	0	12	0	23	0.5	20.5	37	7.60	
2.2	1.5	0.0	1.2	0.0	0.0	—	0	0	1.9	0	0	0	10	0	9	0	8	66	5.31	
2.1	0.9	0.1	1.0	0.0	0.0	—	0	0	0.8	0	0	0	1	0	7	0	8	74	3.95	
1.9	2.0	1.3	1.7	4.6	4.6	14	1	1	0.8	0	0	0	5	0	5	0	2	81	3.12	
3.3	3.4	2.2	3.0	24.2	18.1	9	3	3	2.8	0	4	2.5	8.5	0.5	4.5	0	7	63	2.05	
3.6	3.2	2.0	2.9	1.4	1.4	17	1	1	3.6	0	3	1.5	12.5	2	10	166.5	12.5	111	635	1.83
2.6	2.2	1.1	2.0	76.6	—	—	19	15	3.4	0	17.5	12.5	130	10	166.5	12.5	111	635	4.08	

## Summary of Meteorological Observations

 $\varphi = 30^\circ 3' \text{ N.}$   $\lambda = 31^\circ 15' \text{ E. of Greenwich.}$ 

MONTH.	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1927</b>																			
January	1016.4	8.8	19.1	13.1	12.0	10.6	6.8	21.8	4	4.8	24	76	45	68	72	8.5	9.9	10.3	9.6
February	15.5	9.3	18.1	12.9	11.9	18.7	7.2	26.0	21	4.2	18	77	44	65	71	8.9	8.0	9.5	9.1
March	14.0	12.9	23.9	17.5	16.2	24.6	10.7	29.2	29	7.6	20	79	38	63	70	11.7	11.1	12.4	11.7
April	10.7	17.0	26.7	20.2	19.3	27.7	13.4	34.6	19	9.2	11	70	32	53	62	13.3	11.1	12.5	12.3
May	9.9	22.3	33.0	26.2	24.8	34.0	17.5	43.9	15	14.2	4	69	29	47	58	18.1	14.0	15.8	16.0
June	7.9	25.1	34.5	28.8	27.2	35.7	20.5	40.5	3	16.8	11	68	30	45	56	21.4	16.3	17.6	18.4
July	5.1	26.1	35.7	30.1	28.6	37.1	22.6	40.9	5	20.8	8, 24	75	33	48	62	24.9	19.0	20.3	21.4
August	6.4	20.2	34.4	29.4	28.1	35.5	22.4	38.3	14	20.5	31	75	39	54	64	25.1	20.5	21.7	22.4
September	9.4	23.8	31.8	26.4	25.6	32.7	20.6	34.8	19	10.0	27	82	45	64	73	24.0	20.9	21.8	22.2
October	13.0	21.6	30.9	24.1	23.8	31.9	18.7	35.9	27	16.4	20	78	44	67	72	20.0	19.0	20.0	19.7
November	14.7	17.0	25.7	19.6	19.3	26.7	15.0	30.8	14, 15	11.6	30	86	49	74	80	16.8	15.9	16.7	16.5
December	14.8	12.2	21.5	15.0	14.6	22.6	9.6	28.0	29	7.0	27	78	47	75	76	11.1	11.9	12.7	11.9
YEAR	1011.5	18.5	27.9	21.9	21.0	28.9	15.4	—	—	—	—	76	40	60	68	17.0	14.9	15.9	15.9

## Summary of Meteorological Observations

 $\varphi = 30^\circ 2' \text{ N.}$   $\lambda = 31^\circ 13' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1927</b>																			
January	1015.5	7.8	18.4	11.3	10.4	10.5	4.1	22.3	20	0.3	10	80	43	74	77	8.4	9.2	9.9	9.2
February	14.8	9.1	17.8	11.8	11.0	10.0	5.1	25.0	21	0.9	18	78	42	71	74	8.8	8.3	9.6	8.9
March	13.4	13.8	23.4	16.3	15.5	24.5	8.5	28.4	30	4.5	3	77	37	65	71	11.9	10.3	12.1	11.4
April	10.0	17.8	26.6	19.5	18.6	27.5	10.6	34.3	19	7.1	7, 11	66	29	52	59	13.2	9.9	11.5	11.5
May	9.2	22.5	32.6	25.7	24.0	33.5	15.2	44.4	15	10.6	4	67	26	43	55	17.7	12.4	13.9	14.7
June	7.5	25.4	34.4	28.1	26.5	35.6	18.1	40.5	3	15.3	14	66	28	44	55	20.9	14.8	16.3	17.3
July	4.3	26.7	35.9	29.6	28.1	37.2	20.3	40.7	5	17.5	23	71	29	47	59	24.5	16.9	19.2	20.2
August	5.6	26.1	34.5	29.1	27.5	35.5	20.2	39.1	21	18.2	4	76	38	54	65	25.3	20.4	21.2	22.3
September	8.3	23.9	31.4	25.6	25.0	32.0	18.9	33.8	19	17.1	13	83	46	67	75	24.1	20.8	21.6	22.2
October	12.0	22.1	30.5	23.9	23.4	31.1	16.9	36.1	8	15.0	1, 20, 27	79	42	66	72	20.7	17.8	19.5	19.3
November	13.9	17.2	25.0	19.3	18.7	25.8	13.2	29.7	14	9.8	20	88	52	76	82	17.1	16.0	16.9	16.7
December	13.9	11.5	20.9	14.0	13.5	22.0	7.6	27.1	29	3.7	27	85	47	75	80	11.5	11.3	11.9	11.6
YEAR	1010.7	18.7	27.6	21.2	20.2	28.6	13.2	—	—	—	—	76	38	61	69	17.0	14.0	15.3	15.4

at CAIR O (Ezbekiya) for the year 1927.

H = 20.5 m. C<sub>h</sub> = + 2.4 m.b.

CLOUD AMOUNT (0-10)				RAINFALL (mm.)			DAYS WITH		WIND											EVAPORATION
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm.	FORCE		DIRECTION									mm. per day.
					Amount	Date			Mean of day	Scale 0-12	N	NE	E	SE	S	SW	W	NW	Calm	
3.7	3.5	1.3	2.8	Drops	Drops	7, 12, 27	0	0	—	—	—	—	—	—	—	—	—	—	—	2.38
4.8	5.7	4.1	4.9	7.8	2.8	10	5	3	—	—	—	—	—	—	—	—	—	—	—	2.80
2.9	1.4	0.8	1.7	0.4	0.4	5	1	0	—	—	—	—	—	—	—	—	—	—	—	3.61
3.0	2.6	1.9	2.5	Drops	Drops	6, 16, 21	0	0	—	—	—	—	—	—	—	—	—	—	—	4.81
2.1	0.5	0.2	0.9	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	—	6.39
1.2	0.0	0.0	0.4	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	—	6.71
2.8	0.1	0.1	1.0	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	—	6.16
3.7	0.5	0.0	1.4	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	—	5.45
3.1	0.3	0.0	1.1	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	—	4.11
2.4	1.7	0.9	1.7	Drops	Drops	Several Dates	0	0	—	—	—	—	—	—	—	—	—	—	—	3.65
3.7	2.3	1.9	2.6	9.0	4.0	8	3	3	—	—	—	—	—	—	—	—	—	—	—	2.56
3.1	2.7	2.0	2.6	1.2	0.8	23	2	0	—	—	—	—	—	—	—	—	—	—	—	2.35
3.0	1.8	1.1	2.0	18.4	—	—	1.1	6	—	—	—	—	—	—	—	—	—	—	—	4.25

at GIZA for the year 1927.

H = 27.8 m. C<sub>h</sub> = + 3.2 m.b.

CLOUD AMOUNT (0-10)				RAINFALL (mm.)			DAYS WITH		WIND											EVAPORATION
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm.	Velocity.		DIRECTION									mm. per day
					Amount	Date			Mean of day	Kms. per hour.	N	NE	E	SE	S	SW	W	NW	Calm	
4.8	4.8	1.5	3.7	0.2	0.2	27	1	0	2.7	9.5	5	1	0.5	9.5	7	3	4.5	53	2.73	
5.9	6.2	4.0	5.4	5.6	3.3	10	4	2	4.6	11	3	0	0	5	7	6.5	10.5	41	3.51	
3.0	1.9	0.5	1.8	0.4	0.4	5	1	0	5.9	27.5	11	0.5	0	2	6	3.5	12.5	30	4.86	
4.2	4.0	1.0	3.1	Drops	Drops	6, 16, 21	0	0	5.9	30.5	0	0.5	0	3	3	3	11	30	6.48	
3.3	1.3	0.8	1.8	0.0	0.0	—	0	0	7.0	42	11.5	0	0	0	1	1	7.5	29	8.26	
1.1	0.0	0.1	0.4	0.0	0.0	—	0	0	4.2	33.5	6	0	1	1	1	1	15.5	31	8.42	
2.8	0.3	0.2	1.1	0.0	0.0	—	0	0	3.9	43.5	2.5	0	0	0	0	1	16	30	8.11	
4.0	0.8	0.1	1.6	0.0	0.0	—	0	0	—	35.5	2	0	0	0	0	0	2	13.5	40	6.53
4.2	1.0	0.1	1.8	0.0	0.0	—	0	0	10.3	38	1	0	0	0	0	0	0	17	34	4.65
2.9	3.2	1.0	2.4	Drops	Drops	Several Dates	0	0	10.3	40	6.5	2	0	1	1	1	1	7.5	34	4.79
4.9	4.5	1.5	3.6	14.2	7.8	4	3	3	9.8	23.5	19.5	1	0	1	2	1	6	36	3.25	
4.5	4.8	2.2	3.8	0.7	0.4	17	2	0	5.2	9	6	3	0	7	4	3.5	5.5	55	2.70	
3.8	2.7	1.1	2.5	21.1	—	—	11	5	—	343.5	83	8	1.5	29.5	32	26.5	127	443	5.90	

**Summary of Meteorological Observations** $\phi = 15^\circ 37' \text{ N.}$        $\lambda = 32^\circ 33' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1927</b>																			
January ... ... ...	966.7	19.2	31.8	25.9	23.4	32.6	16.9	37.2	21	12.7	9	37	18	23	30	8.5	8.7	7.7	8.3
February ... ... ...	67.6	18.1	30.5	24.3	22.1	31.3	15.4	39.9	9	9.0	16	20	10	14	17	4.0	4.3	4.3	4.2
March ... ... ...	65.2	23.1	35.2	28.9	26.5	36.2	18.8	42.0	23	11.4	1	17	8	10	14	4.7	4.3	4.0	4.3
April ... ... ...	63.9	26.6	37.4	30.6	28.9	38.2	20.9	44.1	21,22	15.9	8	10	4	8	9	3.7	3.1	3.6	3.5
May ... ... ...	63.5	32.2	40.8	34.4	33.2	41.7	25.4	45.8	14	17.5	4	17	9	15	16	8.4	6.7	8.4	7.8
June ... ... ...	63.6	32.4	41.2	35.4	34.0	42.3	26.9	45.4	4	23.3	2	33	13	20	26	15.5	10.4	11.1	12.3
July ... ... ...	65.1	29.0	36.5	31.2	30.4	37.3	24.7	43.9	2	21.1	26	56	31	40	51	21.8	17.7	19.6	19.7
August ... ... ...	65.1	28.6	36.4	31.6	30.3	37.1	24.7	41.0	2	19.1	30	59	31	46	52	22.7	18.2	20.7	20.5
September ... ... ...	64.4	29.1	37.3	32.2	30.7	38.1	24.3	40.6	28	19.9	12	54	26	42	47	21.7	16.4	18.5	18.9
October ... ... ...	64.0	31.5	39.9	32.8	32.4	40.5	25.6	42.0	1,12	23.5	3	34	15	20	32	15.5	10.7	14.3	13.5
November ... ... ...	66.2	24.8	34.7	27.9	27.0	35.2	20.6	40.2	1	17.1	8	34	16	26	30	10.5	8.8	9.7	9.7
December ... ... ...	66.3	22.5	33.7	27.3	25.6	34.1	19.1	37.3	3	15.5	25	35	18	25	30	9.5	9.3	9.1	9.3
YEAR ... ... ...	965.1	26.4	36.3	30.2	28.7	37.0	21.9	—	—	—	34	17	25	30	12.2	9.9	10.9	11.0	

**at KHARTOUM (Gordon College) for the year 1927.**

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H = 390 m.      h<sub>t</sub> = 1.8 m.      C<sub>b</sub> = + 43.0 m.b.

CLOUD AMOUNT (0--10)				RAINFALL (mm.)			DAYS WITH		WIND										EVAPORTAION mm. per day
8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day		≥ 0.1 mm.	≥ 1.0 mm.	VELOCITY		DIRECTION								EVAPORTAION mm. per day
					mm.	Amount	Date		Mean of day	Kms. per hour.	N	NE	E	SE	S	SW	W	NW	
				mm.	Amount	Date	mm.	mm.	Mean	Kms. per hour.	N	NE	E	SE	S	SW	W	NW	Pièche
2.4	2.8	2.4	2.5	0.0	0.0	—	0	0	10.4	53	24	0	0	0	0	0	7	9	16.04
4.0	2.8	2.8	3.2	0.0	0.0	—	0	0	11.3	46	23	0.5	0	0	0	0	2.5	12	18.50
2.1	2.7	2.1	2.3	0.0	0.0	—	0	0	8.6	44.5	16.5	0	0	0	0	3	6	23	22.15
1.2	0.8	0.6	0.9	0.0	0.0	—	0	0	8.5	39.5	11.5	0	0	0	0	1	11	27	24.29
2.7	3.4	1.8	2.6	4.7	2.1	15	3	3	7.9	19	10	2.5	2.5	7.5	8.5	4	8	31	23.78
4.8	4.4	2.3	3.8	1.1	1.1	10	1	1	10.7	3.5	3	0.5	0.5	11	25	0	5.5	32	21.95
5.7	6.5	5.3	5.8	98.1	43.8	25	6	6	14.4	2	0	1	7	37.5	30	4.5	0	11	14.85
5.7	6.0	4.4	5.4	87.2	30.3	29	4	4	7.9	0	1	1	0	21.5	40.5	2	0	27	14.01
5.4	4.7	5.5	5.2	21.2	12.6	11	6	5	6.5	1.5	0.5	0	4	21	31	10.5	1.5	20	14.16
1.6	4.1	2.7	2.8	3.5	3.5	26	1	1	2.1	3.5	8.5	14	5	3.5	3.5	1.5	0.5	53	15.95
0.1	0.9	0.1	0.4	0.0	0.0	—	0	0	3.6	18.5	27.5	1.5	0	0	0	1	1.5	40	15.44
0.2	0.6	0.0	0.3	0.0	0.0	—	0	0	4.0	40	26.5	0	0	0	0	0.5	4	22	14.12
3.0	3.3	2.5	2.9	215.8	—	—	21	20	8.0	271	152	21	19	102	138.5	37	47.5	307	17.94

**SHORT MONTHLY SUMMARIES**  
**1927.**

# CANDIA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Piche.
<b>1927</b>											
January	1014.2	13.4	18.4	8.4	73	10.3	5.9	71.3	9	1.2	2.77
February	1011.1	10.4	14.6	6.3	72	8.7	8.0	77.5	12	1.7	2.57
March	1013.2	15.2	20.8	9.6	71	11.5	5.1	22.7	5	1.2	3.38
April	1010.3	15.7	21.4	10.0	72	12.8	3.9	49.9	7	0.8	2.71
May	1011.9	20.8	26.1	15.5	64	15.9	3.1	3.0	1	0.8	3.89
June	1010.7	25.2	29.6	20.9	66	20.0	1.0	0.0	0	1.1	4.43
July	8.0	28.4	32.5	24.3	62	23.1	0.7	0.0	0	1.4	—
August	8.3	27.0	31.2	22.9	60	21.6	1.0	5.0	1	2.1	4.85
September	10.8	25.6	30.2	20.9	67	21.3	0.9	1.0	0	1.9	4.25
October	13.2	21.8	26.4	17.1	75	18.0	6.2	134.3	15	1.0	2.44
November	17.5	19.4	23.6	15.2	74	15.4	6.5	33.8	4	1.7	—
December	12.2	16.6	20.3	12.8	70	12.4	7.2	47.5	9	2.3	—
YEAR ...	1012.1	20.0	24.6	15.3	69	15.9	4.1	446.0	63	1.4	—

Absolute Max. 38.5 °C.

Absolute Min. 2.0 °C.

Max. Rain in 1 day 31.5 mms.

# NICOSIA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Piche.
<b>1927</b>											
January	998.4	10.8	15.7	6.0	81	10.1	4.6	34.3	7	0.9	—
February	956.6	8.0	12.5	3.5	77	8.4	5.6	75.2	15	0.9	—
March	967.7	13.4	19.6	7.3	73	12.0	2.6	10.7	4	0.9	—
April	922.2	16.4	23.3	9.5	65	13.2	3.0	43.7	6	1.1	—
May	931.1	23.6	31.3	15.8	58	17.4	1.6	5.3	1	1.0	—
June	899.9	26.6	34.6	18.7	54	20.5	0.3	Drops	0	1.0	—
July	858.8	30.1	37.4	22.8	48	21.6	0.2	3.3	1	1.1	—
August	874.4	28.6	36.2	21.1	64	25.1	0.1	4.8	1	1.1	—
September	910.0	26.6	34.4	18.9	69	23.1	0.8	Drops	0	1.0	—
October	959.9	22.3	28.7	15.9	72	18.8	2.5	64.5	5	0.7	—
November	992.2	17.9	23.8	12.0	71	14.4	2.7	11.2	4	0.8	—
December	978.8	12.4	17.5	7.4	75	10.4	5.0	21.3	4	0.8	—
YEAR ...	993.6	19.7	26.2	13.2	67	16.2	3.4	274.3	48	0.9	—

Absolute Max. 43.8 °C.

Absolute Min. 1.1 °C.

Max. Rain in 1 day 29.5 mms.

## LIMASSOL.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1927</b>											
January	... ... ... ...	1015.5	12.7	17.3	8.0	75	11.9	4.2	87.6	9	2.1
February	... ... ... ...	13.5	9.8	14.8	4.8	76	10.1	6.1	129.5	16	2.2
March	... ... ... ...	13.5	14.1	20.3	8.0	72	14.0	4.3	27.4	5	1.7
April	... ... ... ...	9.5	16.0	22.4	9.6	73	15.8	4.2	43.4	8	1.3
May	... ... ... ...	10.6	21.1	28.4	13.8	69	21.1	1.8	0.0	0	1.7
June	... ... ... ...	6.4	24.7	32.3	17.1	66	24.9	0.4	0.0	0	2.2
July	... ... ... ...	3.4	27.5	35.3	19.7	56	25.7	0.2	0.0	0	1.7
August	... ... ... ...	5.5	26.2	33.5	18.9	66	26.5	0.2	0.0	0	1.4
September	... ... ... ...	7.9	25.2	32.2	18.2	63	24.7	0.4	0.0	0	1.4
October	... ... ... ...	13.0	23.0	29.6	16.5	67	22.1	3.4	7.4	1	1.5
November	... ... ... ...	15.5	19.3	25.3	13.4	62	15.4	2.6	18.3	4	1.6
December	... ... ... ...	14.4	14.2	19.2	9.2	70	11.9	5.0	56.9	6	1.7
YEAR	...	1010.7	19.5	25.9	13.1	68	18.7	2.7	370.5	49	1.7

Absolute Max. 39.4 °C. Absolute Min. -- 0.6 °C. Max. Rain in 1 day 40.6 mmns.

## HAIFA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h.	
	(m.b.)									(0-12)	Picke.
<b>1927</b>											
January	... ... ... ...	1016.3	—	18.2	—	66	10.1	3.7	111.6	13	2.1
February	... ... ... ...	14.2	—	16.6	—	67	9.6	5.5	161.4	14	1.8
March	... ... ... ...	14.2	—	12.1	—	58	11.7	3.0	31.2	3	1.5
April	... ... ... ...	10.7	—	24.2	—	60	13.6	3.0	65.4	7	0.7
May	... ... ... ...	10.4	—	30.5	—	56	17.6	0.9	0.0	—	0.9
June	... ... ... ...	7.5	—	30.8	—	60	22.0	1.0	0.0	—	1.0
July	... ... ... ...	3.8	—	32.5	—	64	26.8	1.4	0.0	—	0.9
August	... ... ... ...	5.6	—	32.3	—	60	25.1	1.2	0.0	—	0.4
September	... ... ... ...	8.4	—	31.2	—	62	24.7	2.3	0.0	—	0.5
October	... ... ... ...	13.4	—	29.9	—	66	22.4	1.9	29.9	5	0.4
November	... ... ... ...	15.5	—	26.1	—	67	17.1	2.0	21.3	3	1.2
December	... ... ... ...	15.2	—	19.9	—	69	11.7	4.3	42.9	5	1.7
YEAR	...	1011.3	—	26.1	—	63	17.7	2.5	463.7	50	1.1

Max. 37.4 °C.

Absolute Min. ... °C.

Max. Rain in 1 day 26.4 mmns.

## JENIN.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Piche.
	(m.b.)									(0-12)	
<b>1927</b>											
January ...	—	11°0	14°7	8°6	—	—	3°9	111°0	13	2°7	3°56
February	—	9°4	13°1	6°8	—	—	5°1	197°6	15	3°3	3°31
March	—	14°7	21°0	10°8	—	—	1°9	20°4	4	2°8	5°12
April	—	16°8	23°5	11°8	—	—	2°8	88°5	6	2°7	5°34
May	—	22°9	31°3	17°0	—	—	0°7	0°0	0	2°6	8°77
June	—	25°0	32°2	19°4	—	—	0°1	0°0	0	2°7	9°21
July	—	27°5	34°1	22°1	—	—	0°1	0°0	0	2°7	11°16
August	—	26°8	32°8	21°9	—	—	0°3	0°0	0	2°6	10°25
September	—	26°2	32°0	21°5	—	—	0°6	0°0	0	2°5	8°02
October	—	24°4	30°2	19°5	—	—	0°8	14°5	3	2°4	7°74
November	—	17°9	22°5	14°9	—	—	1°3	63°3	4	2°6	5°55
December	—	12°5	17°5	9°4	—	—	2°9	50°6	7	2°7	4°45
YEAR ...	—	19°6	25°4	15°3	—	—	1°7	545°9	52	2°7	6°87

Absolute Max. 42.7 °C.

Absolute Min. 1.4 °C.

Max. Rain in 1 day 62.3 mms.

## JERICHO.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Piche.
	(m.b.)									(0-12)	
<b>1927</b>											
January ...	—	14°6	20°9	10°4	72	12°0	2°7	17°0	4	2°2	4°78
February	—	13°1	18°8	9°3	80	11°6	4°6	48°8	7	2°2	4°25
March	—	19°1	26°9	12°9	60	12°3	1°5	8°0	1	2°0	7°66
April	—	21°3	29°6	15°0	52	11°9	2°6	9°0	4	1°8	9°09
May ...	—	27°5	37°1	20°3	52	18°5	0°5	0°0	0	1°7	—
June	—	29°4	38°3	22°5	56	23°1	0°1	0°0	0	1°2	14°44
July ...	—	31°8	40°2	25°0	50	23°0	0°3	0°0	0	1°6	16°45
August	—	31°2	39°1	24°9	—	—	0°3	0°0	0	1°5	13°30
September	—	29°9	37°5	23°7	66	28°3	0°1	0°0	0	1°4	14°31
October	—	27°4	34°7	21°6	56	19°9	1°6	Drops.	0	1°3	10°60
November	—	21°6	28°2	16°6	71	18°5	2°0	16°0	3	1°5	7°63
December	—	15°0	21°7	—	76	13°6	3°0	5°0	4	1°5	5°27
YEAR ...	—	23°5	31°1	—	—	—	1°6	103°8	23	1°7	—

Absolute Max. 48.8 °C.

Absolute Min. 4.0 °C.

Max. Rain in 1 day 15.0 mms.

## JERUSALEM.

YEAR,	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. S. h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Plehe.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	
<b>1927</b>											
January ...	930.8	9.5	13.5	5.5	73	7.9	4.6	102.0	11	0.7	2.81
February	27.9	6.8	10.7	3.0	76	7.2	5.2	260.2	15	1.4	2.29
March	28.3	13.2	19.1	7.2	56	8.0	2.7	14.2	1	0.9	5.39
April	25.8	14.8	20.8	8.9	55	9.2	3.8	49.1	8	0.9	7.34
May	26.8	21.4	28.5	14.3	38	10.0	1.0	Drops	0	0.7	12.82
June	25.6	21.7	28.8	14.6	43	12.1	0.0	0.0	0	0.7	11.83
July	23.4	23.4	30.6	16.3	48	14.8	0.2	0.0	0	1.0	13.14
August	24.6	22.0	30.1	14.0	48	14.1	0.7	0.0	0	0.8	10.69
September	26.2	21.9	29.5	14.3	60	15.9	0.8	0.0	0	0.6	8.81
October	30.0	22.1	28.3	15.9	53	13.0	1.7	1.3	0	0.3	8.58
November	30.4	17.1	21.7	12.5	65	12.0	2.0	27.1	3	0.3	5.16
December	29.1	12.0	16.4	7.6	67	8.7	3.3	50.0	6	0.6	3.73
YEAR ...	927.4	17.2	23.2	11.2	57	11.2	2.2	503.9	44	0.7	7.72

Absolute Max. 38.4 °C.

Absolute Min. -2.4 °C.

Max. Rain in 1 day 86.3 mms.

## GAZA.

YEAR,	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. S. h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Plehe.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	
<b>1927</b>											
January ...	1013.6	13.2	19.0	7.4	70	9.3	2.7	61.8	6	1.1	3.50
February	12.2	11.6	16.3	6.8	76	9.7	5.4	225.7	14	1.4	3.58
March	11.8	15.2	20.7	9.6	67	12.3	2.0	18.6	1	1.0	3.64
April	8.8	17.0	22.6	11.3	65	13.9	2.9	13.8	3	0.9	4.74
May	8.2	21.0	26.8	15.3	64	18.7	1.5	0.4	0	0.8	5.15
June	5.8	23.4	29.2	17.6	65	22.5	1.6	0.0	0	0.6	5.29
July	2.3	25.8	31.2	20.3	67	26.2	2.2	0.0	0	0.7	5.91
August	3.8	25.4	30.9	19.9	67	25.7	1.6	Drops.	0	0.6	5.01
September	6.2	24.9	29.9	19.9	66	24.0	1.5	0.0	0	0.3	5.02
October	10.7	23.4	29.7	17.2	65	20.3	1.9	15.6	1	0.4	4.14
November	12.4	19.6	25.6	13.6	63	14.3	1.9	28.8	3	0.7	3.58
December	12.4	15.2	21.4	8.9	67	10.5	3.8	42.6	6	0.7	3.55
YEAR ...	1009.0	19.6	25.3	14.0	67	17.3	2.4	407.3	34	0.8	4.43

Absolute Max. 35.2 °C.

Absolute Min. 3.0 °C.

Max. Rain in 1 day 46.0 mms.

## BEERSHEBA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1927</b>											
January ...	—	12.0	18.8	5.3	92	6.3	2.9	7.6	4	2.2	5.58
February	—	—	15.7	—	78	8.5	5.7	102.7	9	2.8	4.40
March	—	—	22.9	—	71	11.3	2.6	9.7	1	2.2	—
April	—	18.0	25.6	10.3	58	11.2	2.7	6.4	3	2.3	—
May	—	23.2	32.1	14.4	52	14.1	1.4	0.0	0	2.0	9.92
June	—	25.2	34.0	16.4	62	18.7	1.6	0.0	0	2.0	9.47
July	—	27.2	35.9	18.6	65	22.0	1.1	0.0	0	2.0	10.95
August	—	26.6	35.0	18.3	70	25.3	1.2	0.0	0	1.3	9.82
September	—	23.2	23.1	17.3	—	—	1.5	0.0	0	1.8	7.46
October	—	23.7	31.8	15.6	61	16.0	1.1	6.6	1	2.7	8.18
November	—	19.2	26.6	11.8	—	—	1.8	9.7	2	3.6	6.11
December	—	14.6	20.2	8.9	—	—	4.5	37.2	5	4.2	5.98
YEAR ...	—	—	27.6	—	—	—	2.4	179.9	25	2.4	—

Absolute Maximum 41.1 °C.

Absolute Minimum 1.0 °C.

Max. Rain in 1 day 26.9 mms.

## SALUM.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total mm.)	Days with 1 mm. or over.	8 h. (3-12)	Picke.
	(m.b.)										
<b>1927</b>											
January ...	1018.0	13.6	18.7	8.4	73	9.6	2.7	Drops	0	2.3	—
February	17.4	12.7	17.5	7.9	73	9.1	4.1	45.0	4	2.7	—
March	16.6	15.8	20.5	11.2	73	11.6	2.6	Drops	0	2.3	—
April	13.8	17.2	22.2	12.1	71	13.3	3.2	6.0	1	1.4	—
May	15.4	21.6	26.6	16.6	73	18.0	1.9	4.0	1	1.3	—
June	13.0	24.0	30.0	19.8	70	21.8	0.4	0.0	0	1.4	—
July	—	—	—	—	—	—	—	—	—	—	—
August	9.9	26.5	31.1	21.9	72	23.9	0.6	0.0	0	1.9	—
September	13.1	24.8	29.5	20.2	73	22.5	1.0	Drops	0	1.1	—
October	15.9	23.6	28.2	19.0	73	20.3	1.2	Drops	0	1.1	—
November	19.0	21.0	25.2	16.9	71	16.5	3.7	31.0	3	2.3	—
December	16.6	16.8	22.0	11.7	68	10.3	2.8	7.0	1	3.3	—
YEAR ...	—	—	—	—	—	—	—	—	—	—	—

Absolute Maximum 39.4 °C.

Absolute Minimum 5.4 °C.

Max. Rain in 1 day 28.0 mms.

## MERSA MATRUH.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1927</b>											
January	1017.6	12.2	18.2	7.6	78	11.3	3.5	Drops	0	1.6	7.03
February	17.0	12.0	16.6	8.0	70	9.9	5.9	44.4	6	2.6	8.38
March	16.3	14.9	19.9	10.5	71	12.4	3.0	Drops	0	1.7	6.90
April	13.2	16.2	20.8	11.3	75	14.3	2.7	Drops	0	1.5	7.25
May	13.4	19.8	24.5	14.8	80	19.9	1.0	0.0	0	0.9	6.55
June	11.4	23.3	26.9	18.7	86	26.1	0.6	Drops	0	0.8	6.63
July	8.8	26.0	29.2	21.9	80	27.9	0.4	0.0	0	1.8	9.15
August	9.4	25.8	29.1	21.8	80	27.6	1.6	0.0	0	1.9	9.37
September	12.2	24.4	27.4	21.2	86	27.0	2.5	0.0	0	1.8	8.26
October	15.1	22.8	27.2	18.9	85	24.4	3.3	4.2	1	1.4	8.05
November	17.8	20.1	23.5	17.3	79	18.7	4.0	92.9	6	1.5	6.86
December	16.0	15.4	20.8	11.6	78	13.6	4.1	11.5	3	1.5	8.43
YEAR	1014.0	19.4	23.7	15.3	79	19.4	2.7	153.0	16	1.6	7.74

Absolute Max. 36.6 °C., Absolute Min. 4.5 °C., Max. Rain in 1 day 42.1 mms.

## PORT SAID.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1927</b>											
January	1018.0	14.1	19.4	10.7	76	11.9	3.1	5.3	2	3.4	3.85
February	17.0	13.1	17.4	10.4	69	10.0	4.8	39.6	6	3.7	3.73
March	16.3	16.6	21.3	14.1	74	13.6	1.8	4.4	2	3.3	4.08
April	13.2	18.8	23.8	15.8	70	15.1	2.8	2.1	1	3.3	4.63
May	13.0	22.8	27.7	19.5	72	19.9	1.3	0.0	0	2.9	4.80
June	10.4	25.6	30.9	22.1	74	24.3	1.4	0.0	0	1.4	4.30
July	7.4	27.9	33.1	24.2	73	26.8	0.7	0.0	0	2.4	5.02
August	8.8	27.6	32.6	24.1	73	26.4	1.0	0.0	0	2.4	4.98
September	11.5	26.7	—	23.4	71	24.3	1.5	0.0	0	2.6	4.75
October	15.4	25.4	29.8	22.5	70	22.4	2.2	Drops	0	2.9	5.40
November	17.0	22.2	26.1	20.1	69	18.2	3.0	6.7	2	3.1	5.85
December	16.8	17.0	21.9	13.8	72	13.7	3.4	1.1	1	3.2	3.86
YEAR	1013.7	21.5	—	18.4	72	18.9	2.2	59.2	14	2.9	4.52

Absolute Max. 37.4 °C., Absolute Min. 6.9 °C., Max. Rain in 1 day 17.5 mms.

## SAKHA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.	
		Mean.		Mean (m.b.)				Mean (m.b.)	Mean (0-10)			
		Mean.	Maximum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)		Days with 1 mm. or over.			
<b>1927</b>												
January	—	10.6	19.5	5.6	88	9.9	3.1	10.9	3	1.3	2.11	
February	—	10.8	17.7	6.2	82	9.9	4.2	50.2	8	1.8	2.73	
March	—	14.7	23.2	8.3	82	12.8	1.7	1.5	1	1.9	3.36	
April	—	17.8	26.4	9.9	72	14.1	2.1	1.2	1	2.2	5.04	
May	—	23.2	32.4	14.7	66	18.2	0.6	0.0	0	1.4	6.38	
June	—	25.9	34.4	17.8	69	22.5	0.2	0.0	0	1.3	5.96	
July	—	27.4	35.7	20.1	73	25.1	0.4	0.0	0	1.3	5.69	
August	—	27.0	34.8	20.0	78	26.5	0.8	0.0	0	1.0	5.08	
September	—	25.0	32.4	18.4	84	25.7	1.0	0.0	0	1.0	4.25	
October	—	23.0	30.8	16.8	83	22.7	1.4	Drops	0	1.3	3.37	
November	—	19.1	26.0	14.1	86	18.0	2.8	14.2	3	1.1	2.61	
December	—	13.5	21.8	8.8	88	11.9	2.8	5.4	4	1.1	2.07	
YEAR	—	19.8	27.9	13.4	79	18.1	1.7	83.4	20	1.4	4.05	

Absolute Max. 42.8 °C.

Absolute Min. 1.8 °C.

Max. Rain in 1 day 13.0 mms.

## TANTA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.	
		Mean.		Mean (m.b.)				Mean (m.b.)	Mean (0-10)			
		Mean.	(m.b.)	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)		Days with 1 mm. or over.			
<b>1927</b>												
January	—	11.7	20.9	6.4	80	10.8	2.7	5.1	1	1.0	2.35	
February	—	11.4	19.3	6.5	76	10.0	4.9	22.1	7	1.1	2.75	
March	—	15.8	24.8	9.4	74	12.4	2.0	1.3	1	1.3	3.67	
April	—	18.1	27.6	11.2	70	13.3	2.8	3.8	1	1.3	5.32	
May	—	23.6	33.8	16.0	66	16.8	1.8	0.0	0	1.2	6.83	
June	—	26.3	35.8	18.7	63	19.0	0.3	0.0	0	1.2	7.42	
July	—	28.0	37.1	20.7	66	22.7	0.7	0.0	0	1.2	7.06	
August	—	27.4	36.1	21.1	72	23.6	1.8	0.0	0	1.1	5.90	
September	—	20.8	25.5	34.5	19.3	22.1	1.6	0.0	0	0.9	5.06	
October	—	14.7	23.7	32.3	18.2	20.3	2.3	1.7	1	0.9	4.57	
November	—	16.4	19.8	27.6	14.8	17.2	2.7	4.9	2	1.0	3.32	
December	—	16.2	14.8	23.0	10.0	12.5	3.2	1.0	1	0.8	2.61	
YEAR	—	20.5	29.4	14.4	73	16.7	2.2	39.9	14	1.1	4.74	

Absolute Max. 43.5 °C.

Absolute Min. 8.0 °C.

Max. Rain in 1 day 6.0 mms.

## ZAGAZIG.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picbs.
<b>1927</b>											
January	—	11.9	20.0	6.2	78	10.8	2.7	Drops	0	2.0	1.89
February	—	11.5	18.6	6.9	72	9.1	4.0	14.5	5	3.5	1.67
March	—	15.8	24.0	9.9	68	10.7	2.3	1.8	1	3.4	3.17
April	—	18.7	27.6	12.7	61	11.2	3.3	Drops	0	4.3	3.71
May	—	24.2	34.0	16.9	66	16.8	2.1	0.0	0	3.0	5.16
June	—	27.1	36.2	19.8	63	19.9	0.9	0.0	0	2.2	5.78
July	—	28.1	37.0	21.1	66	23.4	1.9	0.0	0	2.6	5.21
August	—	27.6	36.1	20.7	70	23.9	2.0	0.0	0	3.1	4.42
September	—	25.6	34.4	19.4	79	23.4	2.9	Drops	0	3.8	3.16
October	—	24.6	33.5	18.6	78	21.4	3.2	Drops	0	3.9	2.85
November	—	20.2	28.4	15.5	84	17.8	4.3	2.0	1	3.9	1.89
December	—	15.0	23.5	10.0	86	13.7	4.8	3.7	2	4.6	1.76
YEAR	—	20.9	29.5	14.8	73	16.8	2.9	22.0	9	3.4	3.39

Absolute Max. 41.5 °C.

Absolute Min. 2.5 °C.

Max. Rain in 1 day 4.3 mms.

## HELIOPOLIS.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h.	
	(m.b.)									(0-12)	Picbs.
<b>1927</b>											
January	—	13.6	20.4	6.8	75	8.7	2.9	0.0	0	0.7	2.58
February	—	13.6	19.3	8.0	70	8.8	4.1	3.2	2	1.0	2.81
March	—	18.3	25.0	11.6	72	12.4	2.2	0.0	0	1.3	4.55
April	—	20.8	28.0	13.6	60	13.2	2.8	Drops	0	1.1	5.78
May	—	26.4	34.8	18.1	64	18.7	1.3	0.0	0	0.8	8.12
June	—	29.0	36.8	21.2	66	22.0	0.9	0.0	0	0.6	8.91
July	—	30.4	38.2	22.6	74	26.2	1.1	0.0	0	0.6	7.75
August	—	29.8	37.0	22.5	75	26.1	2.3	0.0	0	0.9	6.83
September	—	27.0	33.4	20.7	80	24.9	2.4	0.0	0	0.9	4.96
October	—	26.2	32.8	19.6	73	20.7	3.2	0.0	0	1.1	5.07
November	—	21.2	27.3	15.1	82	16.8	3.8	3.7	2	0.4	3.09
December	—	16.6	23.4	9.8	78	11.2	2.6	0.0	0	0.6	3.09
YEAR	—	22.7	29.7	15.8	72	17.5	2.5	6.9	4	0.8	5.30

Absolute Max. 45.6 °C.

Absolute Min. 3.0 °C.

Max. Rain in 1 day 2.6 mms.

## SUEZ.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. (%)	VAPOUR PRESSURE. (m.b.)	CLOUD AMOUNT. Mean (0-10).	RAINFALL.		WIND FORCE. Mean. (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Mean (%)	Mean (m.b.)		
<b>1927</b>											
January	1017.9	13.7	20.2	9.0	69	10.3	2.8	0.0	0	1.9	5.16
February	17.3	13.2	18.8	9.3	70	10.4	4.2	Drops	0	2.2	5.39
March	15.4	17.4	24.5	12.3	70	13.7	1.3	0.0	0	2.6	8.07
April	12.2	20.0	27.0	14.9	71	16.0	2.6	Drops	0	2.6	9.32
May	11.4	25.1	33.3	19.3	68	21.1	0.8	0.0	0	2.5	12.44
June	9.4	27.4	35.2	21.7	73	26.5	0.1	0.0	0	2.4	13.62
July	6.4	29.2	37.0	23.9	67	25.8	0.3	0.0	0	2.7	14.75
August	7.9	29.0	36.5	24.0	69	26.4	0.5	0.0	0	2.5	12.75
September	10.6	26.5	32.9	22.1	70	22.0	0.6	0.0	0	2.6	10.88
October	14.4	25.4	32.3	21.0	70	20.4	2.2	Drops	0	2.1	9.83
November	16.3	21.1	26.9	17.4	72	16.3	2.2	12.2	1	1.8	7.42
December	16.7	16.5	22.4	12.0	67	12.5	3.3	Drops	0	1.7	6.13
YEAR	1013.0	22.0	28.9	17.2	70	18.4	1.7	12.2	1	2.3	9.05

Absolute Max. 42.5 °C.

Absolute Min. 4.0 °C.

Max. Rain in 1 day 12.0 mms.

## HELWAN.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. (%)	VAPOUR PRESSURE. (m.b.)	CLOUD AMOUNT. Mean (0-10).	RAINFALL.		WIND VELOCITY. Mean. Km per hour.	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Mean (%)	Mean (m.b.)		
<b>1927</b>											
January	1005.0	12.4	19.1	7.9	60	8.1	3.3	Drops	0	11.7	5.27
February	4.3	11.7	18.4	7.2	62	7.7	4.7	2.1	1	14.8	6.48
March	2.6	16.6	24.2	10.9	56	9.3	1.1	0.2	0	18.1	8.83
April	999.4	19.7	27.2	13.6	44	8.5	2.6	Drops	0	19.8	11.77
May	98.7	25.3	34.1	17.9	42	11.1	1.1	0.0	0	19.6	16.24
June	97.1	27.3	35.4	20.6	44	13.3	0.2	0.0	0	18.7	18.75
July	94.3	28.6	36.9	22.0	51	16.3	0.5	0.0	0	18.2	18.89
August	95.5	28.3	35.6	22.3	53	17.6	0.6	0.0	0	16.8	14.85
September	97.9	25.9	32.8	20.5	61	17.8	0.6	0.0	0	18.9	13.15
October	1001.6	25.2	32.3	20.2	56	15.5	1.5	Drops	0	18.1	11.25
November	3.4	20.2	26.3	16.1	66	14.0	2.5	15.4	2	17.2	6.63
December	3.5	15.7	22.2	11.2	59	9.7	2.7	2.8	1	11.2	5.59
YEAR	1000.3	21.4	28.7	15.9	54	12.4	1.8	20.5	4	16.9	11.48

Absolute Max. 45.5 °C.

Absolute Min. 2.8 °C.

Max. Rain in 1 day 10.1 mms.

## QASR EL GEBALI.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 imp. or over.	Mean (0-12)	Picbs.
<b>1927</b>											
January	1017.9	11.0	19.9	5.1	70	8.4	2.4	0.0	0	1.7	3.85
February	17.5	11.5	19.6	5.4	64	7.7	2.7	Drops	0	2.6	5.35
March	15.4	17.0	25.9	9.7	60	10.0	0.4	0.0	0	2.6	7.51
April	12.0	20.2	28.7	12.5	50	10.4	1.5	Drops	0	3.0	10.69
May	11.1	25.7	35.3	16.6	46	13.5	0.5	0.0	0	2.5	14.93
June	9.6	27.8	37.1	19.1	48	15.2	0.0	0.0	0	1.9	—
July	7.1	30.0	39.2	24.7	48	18.0	0.2	0.0	0	1.6	16.04
August	8.3	29.5	38.0	22.2	52	19.1	0.0	0.0	0	1.6	13.07
September	10.7	26.8	35.0	20.6	60	18.1	0.0	0.0	0	1.7	11.10
October	14.2	25.2	34.6	18.6	62	16.9	0.7	0.0	0	1.6	8.53
November	16.2	20.1	28.6	14.8	72	16.3	0.9	4.0	2	1.5	6.04
December	16.4	14.8	24.7	—	71	12.1	1.4	Drops	0	1.2	4.16
YEAR	1013.0	21.6	30.6	—	59	13.8	0.9	4.0	2	2.0	—

Absolute Max. 44.0 °C.

Absolute Min. 1.1 °C.

Max. Rain in 1 day 2.0 mms.

## SIWA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	8 h.	Mean. (m.b.)	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picbs.
<b>1927</b>											
January	1022.6	11.2	19.5	3.0	61	6.4	4.1	0.5	0	0.0	—
February	22.0	11.8	19.8	3.8	60	6.8	1.7	0.0	0	0.1	—
March	20.3	17.2	25.4	8.9	56	9.2	0.8	0.0	0	0.1	—
April	16.8	19.6	27.9	11.2	57	11.3	2.3	0.0	0	0.1	—
May	15.9	26.2	35.4	16.9	62	17.4	0.5	0.0	0	0.1	—
June	14.7	29.6	38.3	20.9	75	26.0	0.0	0.0	0	0.0	—
July	12.4	31.2	39.7	22.7	67	25.3	0.2	0.0	0	0.0	—
August	13.1	29.1	37.2	21.0	61	20.8	0.3	0.0	0	0.5	—
September	15.8	27.4	35.5	19.4	64	18.7	0.9	0.0	0	0.4	—
October	18.6	24.4	32.8	15.9	62	15.8	3.2	Drops	0	0.4	—
November	21.4	19.8	27.4	12.3	63	11.6	2.4	0.0	0	0.3	—
December	20.4	—	22.5	—	62	7.6	3.2	0.0	0	0.3	—
YEAR	1017.8	—	30.1	—	62	14.7	1.6	0.5	0	0.2	—

Absolute Max. 44.2 °C.

Absolute Min. -0.2 °C.

Max. Rain in 1 day 0.5 mms.

## TOR.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1927</b>											
January	1015.9	14.5	21.0	9.8	64	12.0	3.3	0.0	0	2.1	7.52
February	15.9	14.4	19.6	9.5	67	12.4	2.9	Drops	0	2.3	6.68
March	13.1	18.4	24.4	12.1	70	16.8	0.2	0.0	0	2.5	7.10
April	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—
July	4.0	29.4	35.2	25.0	68	29.7	0.0	0.0	0	2.5	13.52
August	5.2	30.0	35.2	25.5	60	25.4	0.0	0.0	0	2.6	13.98
September	7.1	27.6	31.3	23.4	63	24.5	0.0	0.0	0	3.1	11.05
October	12.0	25.7	30.5	20.3	66	24.0	1.8	0.0	0	1.7	9.59
November	14.6	21.0	26.6	15.7	58	15.9	1.2	1.5	0	1.6	7.26
December	15.2	17.2	23.6	12.1	56	11.9	2.2	7.0	1	1.7	8.48
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ... °C.

Absolute Min. 5.7 °C

Max. Rain in 1 day 7.0 mmns.

## MINYA.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h.	
	(m.b.)									(0-12)	Picke.
<b>1927</b>											
January	—	13.2	20.1	6.2	77	8.7	1.5	—	—	2.0	2.75
February	—	13.0	19.8	6.3	74	8.8	1.4	—	—	2.2	3.73
March	—	18.6	26.3	10.8	69	12.4	0.0	—	—	2.1	5.42
April	—	21.2	29.2	13.2	62	12.9	0.9	—	—	2.4	7.04
May	—	26.6	35.1	18.2	59	16.9	0.0	—	—	2.3	8.89
June	—	28.4	35.9	20.9	61	20.3	0.0	—	—	2.2	10.01
July	—	30.1	37.2	23.0	65	23.4	0.0	—	—	2.4	9.81
August	—	29.6	36.0	23.1	66	23.6	0.0	—	—	2.5	8.75
September	—	27.0	34.4	19.6	76	23.1	0.7	—	—	1.9	7.01
October	1010.2	26.2	34.4	18.1	67	19.1	1.8	—	—	1.3	6.44
November	12.4	20.8	28.2	13.5	80	16.0	2.3	—	—	1.5	3.81
December	12.7	16.7	24.6	8.8	80	11.1	1.8	—	—	0.5	8.95
YEAR	—	22.6	30.1	15.1	70	16.4	0.9	—	—	1.9	6.38

Absolute Max. 48.8 °C.

Absolute Min. 2.8 °C.

Max. Rain in 1 day ... mmns.

**HURGHADA.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	
<b>1927</b>											
January	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—
June	—	28.7	34.4	23.0	42	17.7	0.0	0.0	0	4.8	21.64
July	—	—	35.7	—	—	—	0.0	0.0	0	4.7	19.73
August	—	—	35.5	—	50	21.7	0.0	0.0	0	5.4	20.36
September	—	—	32.9	—	57	21.3	0.0	0.0	0	5.5	18.58
October	1013.6	26.6	32.1	21.0	51	18.4	2.6	0.0	0	4.0	15.28
November	15.9	22.2	28.2	16.3	55	15.2	2.0	0.3	0	3.5	11.83
December	16.8	18.5	24.2	12.8	57	11.3	3.1	Drops	0	3.3	10.34
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ... °C.      Absolute Min. ... °C.      Max. Rain in 1 day ... mms.

**ASYUT.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10).	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.				Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	
	(m.b.)										
<b>1927</b>											
January	1011.8	11.2	18.9	6.1	66	8.1	1.6	0.0	0	1.3	4.22
February	12.0	11.8	19.3	6.1	60	7.9	1.6	0.0	0	1.2	5.12
March	9.0	17.6	27.2	10.5	53	9.3	0.4	0.0	0	0.8	7.61
April	5.6	21.4	30.0	14.2	39	8.7	0.6	0.0	0	0.8	10.06
May	4.2	27.2	36.3	19.4	34	10.7	0.8	0.0	0	0.6	13.19
June	2.7	29.0	36.9	21.8	34	12.5	0.0	0.0	0	0.9	15.24
July	0.2	30.2	38.2	23.2	37	14.0	0.0	0.0	0	1.1	14.48
August	1.5	29.7	36.8	23.5	42	15.8	0.0	0.0	0	1.4	12.36
September	3.6	27.1	33.9	21.7	56	18.0	0.0	0.0	0	1.3	10.29
October	7.1	25.7	32.4	20.7	60	18.7	1.0	0.0	0	1.6	6.65
November	9.4	19.7	27.4	14.6	70	14.7	0.7	0.7	0	2.0	4.55
December	10.2	14.7	23.0	9.5	68	10.9	2.2	Drops	0	2.2	3.90
YEAR	1006.4	22.1	30.0	15.9	52	12.4	0.7	0.7	0	1.3	8.97

Absolute Max. 45.0 °C.      Absolute Min. 2.0 °C.      Max. Rain in 1 day 0.7 mms.

## QENA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1927</b>											
January	—	14.7	23.4	6.0	65	8.4	0.6	—	—	1.2	2.95
February	—	13.8	22.7	5.0	63	7.9	0.5	—	—	1.4	3.75
March	—	20.2	31.3	9.2	51	10.1	0.2	—	—	1.7	6.10
April	—	23.6	33.6	13.7	37	9.9	0.2	—	—	1.9	7.97
May	—	29.8	38.8	20.9	36	13.2	0.6	—	—	1.7	10.47
June	—	31.7	40.2	23.2	36	15.4	0.0	—	—	1.9	11.32
July	—	33.0	41.5	24.6	36	15.8	0.0	—	—	1.5	10.83
August	—	32.6	40.6	24.6	39	17.3	0.0	—	—	1.4	9.77
September	—	30.7	38.8	22.6	53	20.0	0.0	—	—	1.6	7.46
October	—	29.0	37.2	20.8	51	17.2	0.3	—	—	1.5	6.25
November	—	22.8	30.6	14.9	64	14.8	0.1	—	—	1.6	3.97
December	—	18.4	26.2	10.7	63	10.3	0.8	—	—	1.4	3.58
YEAR	—	25.0	33.7	16.4	50	13.4	0.3	—	—	1.6	7.04

Absolute Max. 47.1 °C.

Absolute Min. 1.4 °C.

Max. Rain in 1 day ... mms.

## QUSEIR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1927</b>											
January	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—
June	—	20.7	33.9	25.5	47	20.0	0.1	0.0	0	3.9	13.72
July	—	30.8	34.8	26.8	48	22.2	0.3	0.0	0	2.8	11.75
August	—	31.0	34.6	27.5	46	22.1	0.3	0.0	0	3.5	12.21
September	—	29.3	32.6	26.0	55	23.1	0.2	0.0	0	4.1	10.93
October	—	28.2	32.0	24.5	50	19.6	2.5	Drops	0	3.2	—
November	—	24.4	28.3	20.4	49	15.1	1.8	0.0	0	3.0	9.00
December	—	21.0	24.9	17.1	52	12.4	3.7	Drops	0	3.1	7.37
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ... °C.

Absolute Min. ... °C.

Max. Rain in 1 day ... mms.

## KHARGA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Picke.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.				8 h.	Total (mm.)	Days with 1 mm. or over.	
	(m.b.)				(%)	(0-10)					
<b>1927</b>											
January	1010.6	13.6	21.9	5.3	54	6.7	3.2	0.0	0	0.6	8.40
February	11.1	13.9	22.0	5.8	54	7.1	1.8	Drops	0	0.8	9.76
March	8.0	20.2	29.9	10.5	44	8.7	0.7	0.0	0	0.9	14.13
April	5.5	22.9	32.6	13.2	41	10.1	1.4	0.0	0	1.1	16.53
May	3.5	29.4	38.6	20.2	35	12.5	1.7	Drops	0	1.3	21.10
June	—	30.5	39.5	21.5	35	15.2	0.0	0.0	0	1.3	—
July	999.4	32.2	40.9	23.5	34	15.4	0.0	0.0	0	1.2	20.24
August	1000.6	31.2	40.2	22.3	41	18.0	0.1	0.0	0	1.1	19.22
September	2.7	29.0	37.2	20.7	49	17.7	0.0	0.0	0	1.2	16.67
October	5.5	29.6	37.9	21.2	42	15.2	1.1	0.0	0	0.9	16.73
November	8.2	22.1	29.8	14.4	58	13.2	0.7	Drops	0	0.5	10.14
December	8.7	18.0	26.1	9.9	61	10.1	3.9	0.6	0	0.2	7.59
YEAR	—	24.4	33.0	15.7	46	12.5	1.2	0.6	0	0.9	—

Absolute Max. 48.0 °C.

Absolute Min. 0.2 °C.

Max. Rain in 1 day 0.6 mms.

## ASWAN.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Picke.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.				Mean (%)	Mean (0-10)		
	(m.b.)										
<b>1927</b>											
January	1005.1	16.1	24.6	9.5	39	7.1	1.7	—	—	0.9	9.33
February	5.8	15.2	23.5	8.4	36	5.9	1.5	—	—	0.8	9.08
March	2.4	22.0	32.1	13.3	26	6.3	0.5	—	—	0.7	13.89
April	999.8	25.2	34.1	16.9	24	7.1	0.5	—	—	0.7	15.73
May	98.0	31.9	41.0	23.4	20	9.3	2.6	—	—	0.6	20.52
June	96.7	32.7	41.6	23.9	22	11.1	0.4	—	—	0.8	21.88
July	94.6	34.0	43.7	25.7	23	12.3	0.2	—	—	0.6	18.91
August	95.6	33.5	41.4	25.6	26	13.3	0.5	—	—	0.7	19.03
September	96.8	31.2	39.5	23.3	30	13.1	0.6	—	—	0.8	18.18
October	1000.3	30.6	39.5	22.6	30	12.8	1.3	—	—	0.6	15.94
November	2.8	23.6	31.8	16.7	44	12.3	0.5	—	—	0.6	10.95
December	3.6	19.5	27.9	13.0	52	12.0	1.7	—	—	0.5	—
YEAR	1000.1	26.3	35.0	18.5	31	10.2	1.0	—	—	0.7	—

Absolute Max. 46.9 °C.

Absolute Min. 4.3 °C.

Max. Rain in 1 day ... mms.

# WADI HALFA.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picbs.
<b>1927</b>											
January	1000.8	15.0	24.2	7.3	38	6.5	0.5	—	—	1.1	8.88
February	1018	14.3	24.0	6.1	34	5.1	0.3	—	—	1.3	10.05
March	998.2	20.2	31.7	10.4	25	5.3	0.1	—	—	1.1	13.46
April	957.9	23.6	34.3	13.8	21	5.6	0.1	—	—	1.2	15.70
May	93.9	30.0	40.3	20.5	18	7.1	1.8	—	—	1.1	18.92
June	93.1	31.1	41.3	21.1	18	7.6	0.1	—	—	1.1	20.28
July	91.4	32.2	42.8	22.3	22	10.0	0.1	—	—	0.6	17.26
August	92.3	32.0	41.6	23.7	28	12.4	0.5	—	—	0.8	16.84
September	93.4	29.7	38.9	22.0	30	11.6	0.4	—	—	1.7	17.04
October	95.4	28.9	39.8	20.7	31	11.1	0.8	—	—	0.8	14.26
November	98.6	21.9	31.4	14.1	40	10.1	0.0	—	—	1.0	9.66
December	99.1	18.5	28.1	10.5	45	9.5	1.0	—	—	0.9	7.92
YEAR	996.2	24.8	34.9	16.0	29	8.5	0.5	—	—	1.1	14.14

Absolute Max. 47.5 °C.

Absolute Min. 2.0 °C.

Max. Rain in 1 day ... mms.

# PORT SUDAN.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picbs.
<b>1927</b>											
January	1013.2	24.0	27.8	21.4	81	24.8	2.1	2.4	1	3.0	6.36
February	1013.5	22.0	26.3	18.4	76	21.1	1.3	0.0	0	3.9	8.93
March	1011.1	24.0	28.8	20.0	75	23.2	1.1	0.0	0	3.1	8.37
April	8.8	25.5	30.4	20.6	70	24.3	0.7	Drops	0	2.6	8.62
May	7.8	29.5	36.0	23.9	67	29.1	0.8	Drops	0	1.9	10.65
June	5.4	32.4	39.8	26.5	62	33.2	0.9	0.0	0	2.2	15.59
July	4.0	34.4	42.3	28.8	54	30.8	1.8	4.8	1	2.8	16.63
August	4.6	34.5	41.7	29.7	56	32.5	0.9	0.0	0	2.3	14.36
September	5.5	32.0	38.6	27.2	68	33.7	1.0	0.0	0	1.6	10.27
October	10.2	29.9	34.5	25.9	74	31.8	1.0	Drops	0	1.9	7.42
November	11.8	27.8	31.9	24.2	68	26.2	1.6	4.8	2	2.8	7.39
December	12.7	26.0	29.6	23.2	74	24.8	2.2	84.0	2	2.7	6.34
YEAR	1009.0	28.5	34.0	24.2	69	28.0	1.3	96.0	6	2.6	10.07

Absolute Max. 46.5 °C.

Absolute Min. 14.4 °C.

Max. Rain in 1 day 62.5 mms.

## SUAKIN.

YEAR.	PRESSURE. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. (%)	VAPOUR PRESSURE. (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. (0-12)	EVAPORATION mm. per day. Piche.
		8 h.	Mean.	Mean Maximum.	Mean Minimum.			8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	
<b>1927</b>											
January	1015.2	23.6	27.9	19.4	71	21.2	5.8	14.9	2	—	4.76
February	14.8	—	27.4	—	59	16.5	2.6	0.0	0	—	6.10
March	13.2	24.3	28.7	19.9	64	20.1	1.3	0.0	0	—	5.15
April	—	26.4	30.5	22.3	61	23.5	0.9	0.0	0	—	5.70
May	9.8	29.2	36.1	22.2	37	17.7	0.2	0.0	0	—	8.36
June	6.8	33.3	42.6	24.0	27	15.5	0.6	0.0	0	—	11.44
July	5.4	34.4	43.5	25.2	34	20.4	2.0	30.0	1	—	8.90
August	5.4	35.3	42.7	27.9	34	20.3	0.7	0.0	0	—	8.71
September	—	—	36.3	—	—	—	0.5	0.0	0	—	9.60
October	—	—	—	—	—	—	0.8	10.5	3	—	7.54
November	13.4	—	—	—	—	—	0.5	33.0	2	—	6.69
December	13.6	—	—	—	—	—	1.2	43.3	8	—	5.84
YEAR	—	—	—	—	—	—	1.4	131.7	16	—	7.40

Absolute Max. ... °C.      Absolute Min. ... °C.      Max. Rain in 1 day 30.0 mms.

## GEBEIT.

YEAR.	PRESSURE. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. (%)	VAPOUR PRESSURE. (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. (0-12)	EVAPORATION mm. per day. Piche.
		8 h.	Mean.	Mean Maximum.	Mean Minimum.			8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	
<b>1927</b>											
January	—	—	24.2	—	—	—	—	—	0.0	0	—
February	—	20.8	24.1	17.6	—	—	—	—	0.0	0	—
March	—	22.4	28.4	16.5	—	—	—	—	0.0	0	—
April	—	22.6	30.7	14.6	—	—	—	—	0.0	0	—
May	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—
July	—	30.7	37.2	24.2	—	—	—	—	18.7	4	—
August	—	30.6	38.1	23.1	—	—	—	—	19.8	3	—
September	—	29.7	38.2	21.2	—	—	—	—	0.0	0	—
October	—	24.8	32.0	17.5	—	—	—	—	4.5	1	—
November	—	21.3	26.6	18.0	—	—	—	—	4.5	1	—
December	—	21.8	26.8	16.7	—	—	—	—	0.0	0	—
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ... °C.      Absolute Min. ... °C.      Max. Rain in 1 day ... mms.

## MEROWE.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1927</b>											
January	984.0	20.0	32.1	12.7	38	8.8	0.8	0.0	0	2.7	13.63
February	85.0	18.4	29.8	11.0	38	7.2	1.4	0.0	0	2.9	14.27
March	82.3	23.5	36.5	14.7	32	8.5	0.8	0.0	0	3.2	15.77
April	80.8	27.2	38.4	18.1	22	8.1	0.5	0.0	0	3.2	19.46
May	78.4	33.0	43.5	24.2	14	7.1	1.7	1.9	0	2.6	22.71
June	78.4	34.6	44.7	25.5	11	6.0	0.2	0.0	0	1.8	23.61
July	78.4	33.4	42.2	26.0	30	14.1	2.5	20.7	3	1.7	18.57
August	78.4	33.8	43.3	26.1	20	14.3	1.8	10.8	2	1.3	16.98
September	77.9	34.3	43.8	26.5	24	12.4	2.9	Drops	0	1.5	17.53
October	79.4	32.4	42.7	23.6	24	10.5	1.4	2.0	1	1.6	17.38
November	82.4	25.9	35.3	17.9	32	10.5	0.2	0.0	0	1.8	12.52
December	82.6	23.4	34.0	15.0	36	9.9	0.7	0.0	0	1.7	11.58
YEAR	980.7	28.3	38.9	20.1	28	9.8	1.2	35.4	6	2.2	17.00

Absolute Max. 47.5 °C.

Absolute Min. 6.0 °C.

Max. Rain in 1 day 9.5 mms.

## TOKAR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h.	
	(m.b.)									(0-12)	Picke.
<b>1927</b>											
January	—	25.5	29.9	21.1	78	24.9	5.1	85.5	6	2.7	8.19
February	—	24.0	28.8	19.1	62	18.7	6.1	0.0	0	3.5	9.59
March	—	26.4	31.8	20.9	71	24.3	5.4	0.0	0	3.1	9.27
April	—	27.6	34.7	20.6	67	27.0	3.2	0.0	0	2.5	11.73
May	—	31.4	39.6	23.1	53	26.2	2.0	0.0	0	2.5	—
June	—	35.0	43.8	26.2	45	27.1	0.7	0.0	0	3.1	17.70
July	—	34.5	41.0	28.0	47	27.6	0.3	4.0	2	5.9	21.52
August	—	—	—	—	53	30.0	0.4	0.0	0	4.8	—
September	—	—	—	—	56	30.4	3.0	0.0	0	3.0	13.73
October	—	31.8	37.7	25.8	60	29.8	4.2	0.0	0	2.9	12.24
November	—	28.6	34.3	22.9	62	26.5	4.7	16.0	1	2.4	11.03
December	—	27.2	31.7	22.8	68	24.9	7.1	1.0	1	2.4	10.10
YEAR	—	—	—	—	60	26.4	3.5	46.5	10	3.2	—

Absolute Max. 46.5 °C.

Absolute Min. 13.5 °C.

Max. Rain in 1 day 16.0 mms.

**ATBARA.**

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).				RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
		Mean.	Mean.	Mean Maximum.	Mean Minimum.				Mean (%)	Mean (m.b.)		
		(m.b.)	(m.b.)	(°C.)	(°C.)	(%)	(m.b.)	(0-10)	(mm.)	Days with 1 mm. or over.		
<b>1927</b>												
January	970.6	23.4	32.4	15.9	42	10.5	0.1	0.0	0	2.2	15.58	
February	71.6	21.8	30.7	13.9	27	5.9	0.3	0.0	0	2.5	20.46	
March	69.0	26.6	36.1	18.1	22	6.0	0.2	0.0	0	2.3	23.38	
April	67.8	28.8	39.1	19.7	24	7.7	0.1	0.0	0	2.3	24.46	
May	66.8	34.2	42.3	25.7	20	9.5	1.2	Drops	0	1.8	23.95	
June	66.6	35.6	43.4	27.2	18	9.9	0.7	0.8	0	1.7	23.43	
July	67.8	33.7	40.7	26.6	28	13.1	2.1	50.7	4	2.2	18.65	
August	67.8	33.4	40.6	26.8	35	16.0	0.8	5.8	2	2.1	16.77	
September	67.4	34.2	—	27.5	33	15.5	1.2	0.0	0	1.9	18.34	
October	67.9	32.6	40.3	24.8	21	9.6	1.1	15.2	2	1.8	17.13	
November	70.2	27.5	34.9	20.4	36	11.5	0.1	0.0	0	2.1	14.16	
December	70.8	25.8	33.5	18.2	38	11.1	0.1	0.0	0	2.2	13.83	
YEAR	968.7	29.8	—	22.1	29	10.5	0.7	72.5	8	2.1	19.18	

Absolute Max. 46.0 °C.

Absolute Min. 9.5 °C.

Max. Rain in 1 day 32.5 mms.

**ZEIDAB.**

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).				RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
		Mean.	Mean.	Mean Maximum.	Mean Minimum.				Mean (%)	Mean (m.b.)		
		(m.b.)	(m.b.)	(°C.)	(°C.)	(%)	(m.b.)	(0-10)	(mm.)	Days with 1 mm. or over.		
<b>1927</b>												
January	—	22.4	32.8	—	53	15.5	—	0.0	0	—	—	15.47
February	—	20.9	31.6	11.5	32	7.7	—	0.0	0	—	—	14.71
March	—	25.0	36.6	14.7	30	8.8	—	0.0	0	—	—	15.49
April	—	28.2	40.2	16.7	30	10.0	—	0.0	0	—	—	15.15
May	—	33.6	45.0	20.3	22	13.3	—	0.0	0	—	—	16.93
June	—	34.2	44.8	—	18	11.6	—	0.4	0	—	—	16.37
July	—	32.2	42.9	—	33	16.3	—	50.5	4	—	—	15.31
August	—	30.5	40.9	—	44	19.8	—	3.7	1	—	—	14.85
September	—	32.4	42.5	21.9	36	17.7	—	2.8	1	—	—	15.45
October	—	30.8	41.1	18.8	40	17.7	—	0.0	0	—	—	15.53
November	—	37.0	44.2	—	—	—	—	0.0	0	—	—	15.01
December	—	24.2	35.0	13.7	52	18.5	—	0.0	0	—	—	13.70
YEAR	—	—	39.2	—	—	—	—	57.4	6	—	—	14.09

Absolute Max. 48.5 °C.

Absolute Min. 8.0 °C.

Max. Rain in 1 day 30.0 mms.

## AROMA.

YEAR.	PRESSURE. 8 h. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1927</b>											
January	—	24.2	34.2	14.3	65	20.1	—	0.0	0	—	9.53
February	—	22.9	33.8	12.0	64	17.3	0.0	0.0	0	2.9	12.14
March	—	26.4	36.6	16.3	61	20.5	0.6	0.0	0	2.8	13.35
April	—	—	—	17.7	41	17.3	0.2	0.0	0	2.5	18.48
May	—	—	—	23.2	49	25.4	1.6	2.3	1	2.8	16.63
June	—	33.0	41.4	24.6	42	19.6	0.9	13.0	1	3.8	12.74
July	—	31.0	39.9	22.1	46	19.1	1.4	30.9	4	3.1	15.05
August	—	29.8	37.8	21.8	61	22.7	3.1	39.2	6	3.6	11.07
September	—	30.1	37.5	22.7	59	24.1	2.2	24.2	2	2.9	12.52
October	—	30.0	40.6	19.4	54	23.4	1.8	5.0	2	2.6	14.49
November	—	27.9	39.2	16.6	53	22.1	0.0	0.0	0	2.4	14.72
December	—	25.9	36.3	15.5	57	19.5	0.0	0.0	0	2.3	14.58
YEAR	—	—	—	18.8	54	20.9	—	114.6	16	—	13.78

Absolute Max. ... °C.

Absolute Min. 8.3 °C.

Max. Rain in 1 day 18.5 mms.

## KHARTOUM (North).

YEAR.	PRESSURE. 8 h. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.				8 h. (mm.)	8 h. (0-10).		
<b>1927</b>											
January	—	24.2	32.5	15.9	44	10.9	1.3	0.0	0	—	13.89
February	—	23.0	32.2	13.8	35	7.7	2.0	0.0	0	—	14.42
March	—	26.7	36.7	16.7	32	9.9	1.1	0.0	0	—	16.79
April	—	28.6	39.1	18.2	37	13.9	1.4	0.0	0	—	19.40
May	—	32.7	42.3	23.1	26	12.9	1.5	0.0	0	—	18.85
June	—	34.6	42.9	26.2	43	21.2	2.9	0.0	0	—	18.37
July	—	31.0	38.2	23.8	59	23.2	3.8	92.5	4	—	—
August	—	30.4	37.5	23.4	58	21.7	5.0	52.0	2	—	—
September	—	31.6	38.7	24.6	57	23.1	5.1	12.7	4	—	14.23
October	—	32.2	41.7	22.7	42	20.5	2.3	Drops	0	—	15.68
November	—	27.9	35.9	19.9	46	15.1	0.9	0.0	0	—	14.14
December	—	26.0	34.7	17.4	37	11.1	1.9	0.0	0	—	13.75
YEAR	—	26.1	37.7	20.5	43	15.9	2.4	157.2	10	—	—

Absolute Max. 46.6 °C.

Absolute Min. 7.0 °C.

Max. Rain in 1 day 46.5 mms.

**KASSALA.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).				RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.			WIND FORCE.	EVAPORATION mm. per day.
		Mean.	Mean.	Mean Maximum.	Mean Minimum.				Mean.	Total (mm.)	Days with 1 mm. or over.		
		(m.b.)										(0-12)	Picbs.
<b>1927</b>													
January	... ... ... ...	952.8	25.9	—	17.8	50	14.0	0.4	0.0	0	1.9	10.57	
February	... ... ... ...	53.8	24.0	35.0	15.2	40	10.7	0.6	0.0	0	2.0	10.84	
March	... ... ... ...	51.1	28.3	39.1	19.4	39	13.1	0.7	0.0	0	2.0	14.13	
April	... ... ... ...	49.6	30.8	40.3	20.8	24	10.7	0.4	0.0	0	2.3	16.36	
May	... ... ... ...	50.6	33.2	42.3	24.7	27	13.2	0.6	0.0	0	2.2	26.56	
June	... ... ... ...	51.5	31.8	40.4	24.8	40	18.0	0.3	29.3	4	2.3	13.50	
July	... ... ... ...	53.5	28.4	36.2	23.1	62	23.0	2.4	105.0	8	2.8	8.90	
August	... ... ... ...	53.4	27.1	34.1	21.6	69	24.4	2.2	213.5	8	2.6	6.35	
September	... ... ... ...	52.2	28.5	36.7	22.5	64	23.9	1.7	109.9	6	2.4	7.54	
October	... ... ... ...	51.5	31.6	40.9	24.3	42	18.5	0.4	5.0	1	2.8	13.76	
November	... ... ... ...	52.3	27.9	38.1	19.7	48	17.6	0.2	0.0	0	2.7	12.01	
December	... ... ... ...	52.0	27.0	37.0	18.9	53	17.3	0.0	0.0	0	2.4	11.04	
YEAR	...	952.0	28.7	—	21.1	46	17.0	0.8	452.7	27	2.4	11.80	

Absolute Max. 46.0 °C.

Absolute Min. 9.6 °C.

Max. Rain in 1 day 68.8 mms.

**GEBEL AULIA.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).				RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.			WIND FORCE.	EVAPORATION mm. per day.
		Mean.	Mean.	Mean Maximum.	Mean Minimum.				Mean.	Total (mm.)	Days with 1 mm. or over.		
		(m.b.)										(0-12)	Picbs.
<b>1927</b>													
January	... ... ... ...	—	23.3	—	16.9	38	10.0	0.7	0.0	0	1.8	16.18	
February	... ... ... ...	—	21.8	—	14.7	24	5.0	1.2	0.0	0	—	18.59	
March	... ... ... ...	—	25.9	—	18.3	20	6.0	0.6	0.0	0	—	21.82	
April	... ... ... ...	—	28.6	—	20.0	15	4.9	0.2	0.0	0	1.4	24.84	
May	... ... ... ...	—	32.6	—	24.8	20	9.1	2.4	1.0	1	1.6	24.42	
June	... ... ... ...	—	32.6	—	26.7	33	13.7	2.1	11.2	1	1.9	22.05	
July	... ... ... ...	—	29.6	—	25.2	56	20.8	4.3	79.9	6	2.5	14.87	
August	... ... ... ...	—	29.6	—	24.2	56	21.7	2.6	44.1	3	2.1	13.99	
September	... ... ... ...	—	29.9	—	24.8	56	21.4	2.7	73.0	5	2.0	14.06	
October	... ... ... ...	—	31.8	—	25.1	36	14.4	1.8	5.3	1	1.2	17.80	
November	... ... ... ...	—	26.9	—	20.3	35	11.2	0.1	0.0	0	1.5	16.24	
December	... ... ... ...	—	25.2	—	18.5	40	11.7	0.0	0.0	0	1.6	15.53	
YEAR	...	—	28.2	—	21.6	36	12.6	1.6	214.5	17	—	18.37	

Absolute Max. ... °C.

Absolute Min. 9.1 °C.

Max. Rain in 1 day 52.0 mms.

## TAYIBA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picbs.
<b>1927</b>											
January	...	26.4	35.0	17.8	—	—	—	0.0	0	—	—
February	...	—	35.4	—	—	—	—	0.0	0	—	—
March	...	—	38.5	—	—	—	—	0.0	0	—	—
April	...	31.3	41.7	20.9	33	15.0	—	0.0	0	—	—
May	...	32.4	42.2	22.5	39	18.8	—	0.0	0	—	—
June	...	32.6	41.5	23.6	57	25.8	—	44.3	3	—	—
July	...	30.4	38.1	22.8	69	23.9	—	152.8	10	—	—
August	...	29.2	35.8	22.6	80	24.8	—	82.2	6	—	—
September	...	28.8	35.1	22.5	86	27.4	—	205.0	10	—	—
October	...	31.1	39.2	23.0	57	21.7	—	3.6	1	—	—
November	...	27.2	36.8	17.5	—	—	—	0.0	0	—	—
December	...	24.4	34.3	14.5	32	10.1	—	0.0	0	—	—
YEAR	...	—	37.8	—	—	—	—	487.9	30	—	—

Absolute Max. 44.1 °C.

Absolute Min. ... °C.

Max. Rain in 1 day 51.5 mms.

## WAD MEDANI (Hospital).

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD	RAINFALL.		WIND	EVAPORATION
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 min. or over.	Force.	mm. per day.
	(m.b.)										
<b>1927</b>											
January	964.6	25.3	35.3	—	33	10.4	0.5	0.0	0	2.0	12.61
February	64.4	24.7	34.4	15.5	18	5.2	1.2	0.0	0	2.3	14.00
March	61.8	28.9	38.6	18.4	20	8.3	1.4	0.0	0	2.1	17.18
April	60.8	30.8	40.0	20.0	12	5.5	1.3	0.0	0	2.2	18.10
May	61.0	32.9	41.3	23.7	23	11.1	2.9	7.0	2	2.1	18.66
June	62.4	32.6	40.1	24.6	34	15.0	2.2	21.2	3	2.2	16.58
July	64.6	28.0	35.3	22.1	59	19.8	4.0	150.9	10	2.3	9.33
August	63.8	27.6	34.8	21.9	61	19.4	3.2	74.1	4	2.2	8.34
September	63.5	27.3	34.6	20.9	64	20.7	3.7	136.4	9	2.3	8.83
October	62.3	31.2	40.0	22.3	37	14.5	1.6	0.0	0	1.8	13.57
November	64.0	27.8	36.9	19.0	30	10.4	0.8	0.0	0	2.0	14.21
December	63.6	27.0	36.4	18.2	33	10.3	0.9	0.0	0	2.0	13.05
YEAR	963.1	28.7	37.3	—	35	19.6	2.0	389.6	28	2.1	13.70

Absolute Max. 46.2 °C.

Absolute Min. 11.0 °C.

Max. Rain in 1 day 45.0 mms.

## WAD MEDANT (Research Farm).

YEAR.	ATMOSPHERIC PRESSURE.	AIR TEMPERATURE (DEGREES CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
		Mean. (m.b.)	Mean. (m.b.)	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean (0-12)
<b>1927</b>											
January	963.1	24.8	35.1	16.1	37	10.5	0.1	0.0	0	1.5	12.70
February	64.2	23.3	34.3	15.2	25	6.8	0.1	0.0	0	1.6	18.75
March	61.8	27.0	38.1	17.4	20	7.1	0.1	0.0	0	1.6	30.68
April	60.4	28.8	39.4	18.8	16	6.4	0.2	0.0	0	1.6	23.39
May	61.1	31.8	40.9	23.5	26	11.6	2.1	1.5	1	1.9	23.44
June	61.8	32.1	40.1	26.1	36	15.6	1.5	16.9	1	2.1	22.60
July	63.5	27.9	35.5	23.1	62	20.9	5.0	111.4	8	2.1	13.73
August	63.1	27.0	34.6	22.3	70	23.0	3.8	102.5	6	1.6	9.83
September	62.4	27.1	34.5	21.8	72	23.9	2.8	132.0	9	1.1	7.66
October	61.6	29.8	39.4	22.4	44	16.9	1.7	0.5	0	0.9	13.20
November	63.4	26.6	36.1	18.6	32	10.4	0.3	0.0	0	1.1	15.23
December	63.0	25.6	—	17.4	37	11.3	0.1	0.0	0	1.2	14.34
YEAR	962.4	27.6	—	20.2	40	13.7	1.5	364.8	25	1.5	16.30

Absolute Max. 45.0 °C.

Absolute Min. 9.8 °C.

Max. Rain in 1 day 44.0 mms.

## EL DUEIM.

YEAR.	PRESSURE.	AIR TEMPERATURE (DEGREES CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
		Mean. (m.b.)	Mean. (m.b.)	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean (0-12)
<b>1927</b>											
January	968.2	21.6	34.7	15.6	—	—	0.1	5.0	1	3.2	14.48
February	69.4	21.2	34.3	15.0	27	6.9	0.6	0.0	0	3.2	16.60
March	67.1	25.0	39.0	16.7	32	9.9	0.2	0.0	0	3.2	17.26
April	66.7	28.7	40.3	18.0	20	8.0	0.4	0.0	0	3.2	18.43
May	66.7	32.6	44.0	21.2	21	10.3	1.8	10.0	1	3.4	18.63
June	67.0	31.9	40.6	24.0	31	14.7	2.3	15.0	2	3.2	15.00
July	67.4	29.8	37.7	22.7	46	19.0	4.2	66.0	7	3.1	11.62
August	69.0	27.6	37.0	23.1	56	20.5	3.4	65.7	8	2.8	11.73
September	68.2	27.4	37.3	23.0	64	22.7	3.1	88.4	7	3.0	9.63
October	66.7	29.8	41.0	23.0	52	21.3	1.4	6.0	1	2.2	12.90
November	66.2	28.4	38.6	18.6	40	15.5	0.0	0.0	0	2.4	15.35
December	67.9	26.9	37.4	16.3	35	12.3	0.0	0.0	0	2.4	15.93
YEAR	967.5	27.6	38.3	19.8	—	—	1.5	256.1	27	3.9	14.80

Absolute Max. 46.5 °C.

Absolute Min. 8.5 °C.

Max. Rain in 1 day 45.0 mms.

## EL FASHER.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 min. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1927</b>											
January	929.1	20.4	32.3	11.1	22	4.5	0.2	0.0	0	1.2	11.32
February	29.5	21.0	31.8	12.4	15	3.3	0.3	0.0	0	1.3	12.91
March	28.0	23.8	35.7	13.8	11	2.8	0.2	0.0	0	1.3	14.76
April	26.7	27.0	37.3	17.6	11	3.7	0.4	0.0	0	1.4	15.37
May	27.2	29.8	38.7	21.3	22	8.3	1.2	10.3	2	1.3	15.16
June	27.4	30.5	38.8	23.1	36	12.9	1.4	2.0	1	1.3	13.51
July	27.9	27.4	35.3	22.0	58	18.4	3.2	105.2	9	1.1	9.69
August	28.2	25.8	—	20.7	72	21.3	3.2	123.4	13	1.0	6.35
September	27.8	27.0	35.8	20.5	59	18.4	1.3	49.6	5	0.9	8.72
October	27.8	28.0	38.3	20.4	35	11.5	1.4	11.1	2	0.6	11.80
November	29.4	23.8	34.6	14.5	26	7.2	0.1	0.0	0	0.6	11.30
December	28.3	22.2	—	13.3	26	6.4	0.2	0.0	0	0.6	10.39
YEAR	928.1	25.6	—	17.6	33	9.9	1.1	301.6	32	1.0	11.77

Absolute Max. 41.5 °C.

Absolute Min. 6.0 °C.

Max. Rain in 1 day 53.0 mms.

## MAKWAR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h.	
	(m.b.)									Kms. per hour.	Picke.
<b>1927</b>											
January	963.6	—	—	16.4	51	13.3	0.0	0.0	0	—	16.77
February	64.7	—	—	14.8	47	11.7	0.4	0.0	0	—	19.17
March	62.4	—	—	18.6	47	15.2	0.5	0.0	0	—	21.41
April	61.4	—	—	19.7	39	15.9	0.1	0.0	0	20.9	22.73
May	62.4	—	—	22.7	42	18.8	2.4	11.0	2	21.8	21.95
June	63.0	31.7	39.8	23.6	59	23.6	2.7	52.1	5	20.3	16.28
July	64.6	28.2	34.2	22.1	78	24.9	6.1	198.2	13	16.6	8.74
August	63.9	27.3	33.3	21.3	82	25.2	5.0	147.8	9	13.6	5.92
September	63.5	27.4	33.8	20.9	79	25.1	3.2	134.8	10	12.0	5.50
October	62.3	30.6	39.6	21.6	54	22.1	0.2	Drops	0	7.3	11.31
November	63.2	28.2	37.7	18.7	48	16.5	0.1	Drops	0	11.9	15.01
December	63.2	27.4	37.0	17.9	57	16.9	0.0	0.0	0	11.5	14.63
YEAR	963.2	—	—	19.9	57	19.1	1.7	543.9	39	—	14.95

Absolute Max. ... °C.

Absolute Min. 8.5 °C.

Max. Rain in 1 day 82.1 mms.

## EL OREID.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE (in.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean. (0-12)	EVAPORATION mm. per day. Picke.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1927</b>											
January	948.0	21.5	32.0	13.3	32	8.4	2.1	0.0	0	1.7	12.00
February	47.9	20.8	31.4	12.6	22	5.3	3.6	0.0	0	1.8	13.39
March	46.4	25.0	36.0	16.4	19	5.7	4.0	0.0	0	2.1	16.40
April	45.2	27.2	37.8	18.3	20	7.1	2.9	0.0	0	1.9	17.81
May	45.2	30.3	40.1	23.2	26	10.9	5.1	9.4	2	2.3	17.12
June	45.8	29.7	38.1	24.0	45	18.0	5.7	7.2	2	2.0	13.79
July	46.7	27.0	34.3	22.8	65	21.2	6.3	36.2	9	2.2	9.48
August	47.1	26.2	33.0	21.8	71	22.1	6.5	94.8	9	2.3	6.17
September	46.2	26.8	34.3	21.6	67	21.6	6.2	84.2	10	2.0	6.41
October	45.1	29.6	38.6	22.5	46	17.3	4.3	3.9	1	2.2	19.18
November	46.8	25.6	35.4	17.3	32	10.7	1.0	0.0	0	2.6	13.37
December	46.8	24.2	34.5	16.0	31	9.7	1.2	0.0	0	2.6	12.58
YEAR	946.4	26.2	35.5	19.2	40	13.2	4.1	235.1	33	2.1	12.55

Absolute Max. 44.2 °C.

Absolute Min. 7.6 °C.

Max. Rain in 1 day 42.0 mms.

## SINGA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Picke.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10)	Total (mm.)		
<b>1927</b>											
January	—	27.2	37.0	17.5	—	—	0.7	0.0	0	2.1	15.20
February	—	25.7	36.0	15.4	—	—	1.0	0.0	0	2.3	16.19
March	—	28.8	40.1	17.4	—	—	2.1	0.0	0	2.1	18.29
April	—	30.5	41.1	19.9	44	20.4	1.1	0.0	0	2.4	19.46
May	—	32.0	39.9	24.2	45	19.5	4.4	27.4	5	3.9	15.60
June	—	30.2	37.6	22.9	63	23.2	5.0	46.4	10	3.6	10.85
July	—	27.4	33.5	21.3	66	21.8	6.6	227.7	13	3.0	6.14
August	—	26.8	32.3	21.3	83	25.2	6.7	158.6	13	2.5	4.07
September	—	27.4	34.0	20.7	74	24.0	4.6	69.8	11	2.2	4.46
October	—	30.4	39.7	21.1	55	21.4	1.1	4.8	2	2.0	9.98
November	—	28.6	38.1	19.2	38	12.4	0.7	0.0	0	2.5	13.53
December	—	28.1	37.3	18.9	46	13.6	0.5	0.0	0	1.8	13.53
YEAR	—	28.6	37.2	20.0	—	—	2.9	534.7	54	2.5	12.19

Absolute Max. 45.5 °C.

Absolute Min. 10.5 °C.

Max. Rain in 1 day 64.7 mms.

## GALLABAT.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1927</b>											
January	927.6	26.4	37.9	16.9	50	17.7	0.8	0.0	0	3.2	15.53
February	27.9	26.7	37.2	17.8	46	17.3	1.6	0.0	0	3.4	16.48
March	26.8	30.1	39.4	21.3	41	19.2	2.4	0.0	0	3.1	20.80
April	26.2	30.6	39.6	21.9	24	18.3	2.1	0.0	0	3.2	22.60
May	27.4	29.9	38.9	21.6	34	13.9	3.0	39.5	10	2.5	20.24
June	28.7	25.7	33.9	19.2	62	19.0	4.9	184.0	15	2.7	9.63
July	29.9	23.3	29.8	18.6	80	22.7	5.6	160.5	17	1.8	5.27
August	29.4	23.3	29.8	18.1	84	23.5	5.5	299.9	20	2.1	3.70
September	29.0	23.2	31.1	17.7	84	23.1	4.9	—	—	2.2	3.86
October	28.3	25.2	36.3	16.7	62	17.7	1.9	—	—	1.6	9.16
November	28.0	25.7	36.3	16.6	43	12.4	1.3	0.0	0	2.5	12.36
December	27.6	26.6	—	17.4	36	11.2	0.6	0.0	0	2.5	13.69
YEAR	928.1	26.4	—	18.6	54	17.4	2.9	—	—	2.6	12.78

Absolute Max. 43.4 °C.

Absolute Min. 13.0 °C.

Max. Rain in 1 day 47.5 mms.

## ROSEIRES.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Mean (0-10)	Total (mm.)		
<b>1927</b>											
January	—	25.6	38.1	16.2	40	13.7	0.3	0.0	0	2.2	12.08
February	—	26.2	—	17.0	—	—	1.9	0.0	0	2.8	13.74
March	—	29.8	40.6	21.2	18	7.7	2.2	0.0	0	2.4	14.38
April	—	31.2	41.0	21.0	16	7.7	1.7	0.0	0	2.6	15.55
May	—	29.9	42.1	22.2	26	11.2	4.0	39.0	7	4.2	—
June	—	27.1	37.2	22.0	52	18.5	5.9	260.7	14	4.6	7.98
July	—	25.2	33.2	21.4	70	22.1	7.2	135.4	9	4.6	6.16
August	—	24.4	32.0	20.5	78	23.5	7.5	232.0	10	4.8	4.65
September	—	24.7	32.2	20.3	76	23.5	6.2	137.1	12	3.0	4.09
October	—	26.6	38.7	19.9	64	22.1	2.7	5.0	1	2.4	9.02
November	—	26.4	38.4	17.8	38	12.9	2.4	0.0	0	2.4	11.82
December	—	26.4	38.8	17.8	35	12.0	1.4	0.0	0	2.2	11.83
YEAR	—	27.0	—	19.8	—	—	3.6	809.2	53	3.2	—

Absolute Max. 45.0 °C.

Absolute Min. 13.0 °C.

Max. Rain in 1 day 60.5 mms.

## MALAKAL.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean: Kms. per hour.	Piche.
<b>1927</b>											
January	965.0	26.8	36.9	18.1	34	14.0	0.1	0.0	0	7.4	16.12
February	64.8	27.0	36.9	19.8	26	10.8	1.0	0.0	0	9.4	22.64
March	64.4	28.7	38.5	20.1	28	11.5	3.0	4.2	2	5.6	19.50
April	63.9	30.2	39.6	22.5	32	13.5	3.1	5.2	1	4.8	16.67
May	67.0	28.7	36.4	22.7	55	21.3	4.4	68.2	8	3.3	10.04
June	67.2	26.2	32.6	22.3	74	24.4	7.0	61.9	7	3.7	5.52
July	67.8	25.5	30.8	21.5	76	24.9	7.0	236.0	12	3.2	3.42
August	67.2	25.1	30.5	21.3	81	26.0	7.2	247.2	12	2.3	2.70
September	66.2	26.5	33.4	21.6	76	26.2	6.5	41.4	6	2.6	3.60
October	65.1	27.9	36.2	21.7	68	25.6	3.9	54.4	6	2.4	5.94
November	64.8	27.5	36.7	19.0	37	14.4	1.1	3.4	1	4.1	13.83
December	64.4	28.1	37.8	19.8	30	11.7	1.1	0.0	0	5.2	17.86
YEAR	965.6	27.4	35.5	20.9	51	18.7	3.8	721.9	55	4.5	11.49

Absolute Max. 42.4 °C.

Absolute Min. 15.0 °C.

Max. Rain in 1 day 84.5 mins.

## HILLET DOLEIB.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Piche.
<b>1927</b>											
January	—	27.8	37.4	18.2	35	11.6	0.3	0.0	0	2.4	—
February	—	28.9	37.6	20.2	38	12.9	0.6	0.7	0	2.4	—
March	—	30.2	39.5	20.8	35	14.1	0.6	9.0	1	1.9	—
April	—	31.4	40.2	22.5	30	13.1	2.1	6.5	1	2.5	—
May	—	30.5	37.8	23.2	54	21.8	3.1	121.7	8	2.5	—
June	—	28.2	34.3	22.0	82	26.8	6.0	115.9	9	2.3	—
July	—	27.0	32.5	21.4	85	26.7	6.6	248.0	11	1.8	—
August	—	27.0	32.4	21.5	87	26.8	5.1	157.8	10	1.4	—
September	—	28.3	35.0	21.6	79	26.0	5.6	28.3	6	2.4	—
October	—	29.4	37.2	21.7	65	25.1	0.9	47.6	4	1.6	—
November	—	28.2	37.6	18.7	35	13.2	4.6	17.0	1	1.3	—
December	—	—	—	19.2	32	11.2	2.0	0.0	0	2.0	—
YEAR	—	—	—	20.9	55	19.1	2.9	752.5	51	2.0	—

Absolute Max. 44.1 °C.

Absolute Min. 12.5 °C.

Max. Rain in 1 day 75.8 mms.

## GAMBELA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-13)	Picke.
	(m.b.)										
<b>1927</b>											
January	—	—	37°0	—	60	18°2	4°9	0°0	0	3°2	7°26
February	—	—	37°7	—	48	16°4	5°4	5°1	2	3°7	9°05
March	—	—	37°8	—	48	17°7	4°6	31°1	6	3°3	8°90
April	—	—	37°4	—	55	21°4	5°0	16°0	5	2°7	8°67
May	—	—	36°2	—	70	24°5	5°6	133°5	10	2°8	5°77
June	—	—	33°4	—	85	26°5	7°4	96°4	16	3°1	4°28
July	—	—	31°6	—	85	25°3	8°1	193°0	15	3°0	2°61
August	—	—	30°0	—	88	25°3	7°7	140°3	14	2°7	2°32
September	—	—	32°1	—	82	25°1	7°6	103°0	10	3°2	3°09
October	—	—	34°9	—	73	25°1	3°4	64°5	8	3°5	4°93
November	—	—	35°6	—	75	26°1	5°6	35°4	4	2°9	5°43
December	—	—	37°2	—	—	—	4°1	2°5	1	3°8	6°79
YEAR	—	—	35°1	—	—	—	5°8	820°8	91	3°2	5°81

Absolute Max. 41°5 °C.

Absolute Min: ... °C.

Max. Rain in 1 day 53°0 mms.

## ZERAFA CUT.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									Kms. per hour.	
<b>1927</b>											
January	—	23°4	31°9	18°2	78	19°5	0°1	0°0	0	—	4°08
February	—	23°2	31°8	18°4	80	19°6	0°2	Drops	0	—	4°67
March	—	24°1	32°0	19°3	78	20°3	2°5	1°5	1	—	4°10
April	—	25°8	33°0	21°1	82	24°0	3°2	36°1	3	—	3°88
May	—	26°0	32°2	22°0	82	25°7	4°6	36°5	6	—	3°23
June	—	24°6	29°9	21°4	87	25°7	5°1	103°4	10	1°9	2°32
July	—	24°0	29°7	21°2	90	25°2	5°3	46°4	10	2°1	1°70
August	—	24°1	29°9	21°2	91	25°8	5°9	146°5	10	1°3	1°67
September	—	24°7	30°5	21°6	87	25°4	5°5	49°2	5	2°0	2°07
October	—	26°2	32°7	22°0	83	25°8	4°0	39°2	8	2°0	2°81
November	—	25°4	31°3	21°0	78	23°5	3°1	3°8	1	1°3	3°05
December	—	24°9	32°5	19°9	80	23°5	3°0	4°2	1	1°3	3°09
YEAR	—	24°7	31°4	20°6	83	23°7	3°5	466°8	55	—	3°06

Absolute Max. 36°1 °C.

Absolute Min. 18°8 °C.

Max. Rain in 1 day 48°2 mms.

## WAU.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)				(%)		(0-10)			(0-12)	Picke.
<b>1927</b>											
January ...	—	26.5	—	17.8	37	11.5	1.5	0.0	0	1.7	13.02
February	—	27.3	—	19.6	32	10.0	2.7	2.8	2	1.5	14.59
March	—	27.6	—	19.5	38	12.1	3.1	43.0	3	1.7	14.25
April	—	28.7	—	21.9	60	20.7	3.5	40.4	3	1.5	10.15
May ...	—	28.7	—	23.1	66	22.2	5.0	92.2	7	2.1	7.54
June	—	27.1	—	21.0	72	22.2	5.0	158.6	13	1.6	5.54
July	—	25.9	—	20.9	78	23.8	5.0	294.4	12	1.4	4.12
August	—	26.0	—	20.8	79	23.6	5.0	120.0	11	1.2	4.02
September	—	26.0	—	20.5	78	23.9	5.9	156.5	12	1.5	3.94
October	—	27.2	—	20.9	70	23.4	4.9	55.0	7	1.8	5.80
November	—	26.9	—	19.5	66	20.9	3.3	19.5	3	2.2	8.90
December	—	27.1	—	19.6	63	20.1	3.6	0.0	0	2.2	12.03
YEAR ...	—	27.1	—	20.4	62	19.5	4.0	982.4	72	1.7	8.66

Absolute Max. ... °C.

Absolute Min. 13.0 °C.

Max. Rain in 1 day 69.4 mms.

## MONGALLA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)				(%)		(0-10)			(0-12)	Picke.
<b>1927</b>											
January	957.1	27.6	38.2	18.8	44	13.7	0.4	3.9	1	1.8	11.59
February	57.6	27.5	37.5	19.9	42	14.4	2.1	30.3	2	1.4	11.64
March	57.8	26.4	35.2	20.8	58	17.6	2.5	75.2	10	1.3	8.77
April	57.2	27.4	36.0	22.6	68	22.2	1.9	48.7	6	1.2	6.69
May	56.7	27.4	36.0	22.2	69	22.8	1.2	120.0	12	1.5	5.49
June	60.2	26.2	33.7	21.4	75	23.8	1.6	34.0	7	1.5	4.40
July	61.6	24.2	31.5	20.5	86	24.0	2.7	167.1	14	1.0	2.71
August	61.1	24.6	—	20.6	84	24.0	2.3	67.0	8	1.5	3.05
September	59.4	25.7	—	21.2	80	24.9	1.8	101.0	9	1.9	3.74
October	57.5	28.0	—	21.4	60	20.4	0.6	9.5	3	2.3	8.05
November	57.8	28.0	—	22.3	56	19.8	1.2	28.3	7	1.8	8.86
December	57.4	29.1	37.7	22.9	52	19.2	0.6	18.1	3	1.8	9.85
YEAR ...	958.6	26.8	—	21.2	64	20.6	1.6	703.1	82	1.6	7.07

Absolute Max. ... °C.

Absolute Min. 15.0 °C.

Max. Rain in 1 day 41.0 mms.

## JUBA.

*in Nangalla*

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picbe.
	(m.b.)										
<b>1927</b>											
January ...	—	29.0	37.6	20.4	44	15.8	1.2	2.6	1	2.0	12.07
February ...	—	29.6	37.0	22.1	52	18.2	4.2	19.1	3	2.6	11.71
March ...	—	28.4	35.3	21.5	64	20.3	5.6	55.3	11	2.7	10.26
April ...	—	28.3	34.4	22.2	77	25.7	3.0	118.1	10	1.7	6.69
May ...	—	28.7	35.2	22.2	75	25.1	2.0	55.4	8	2.0	6.83
June ...	—	26.8	32.1	21.4	84	25.6	5.0	113.7	6	1.4	4.76
July ...	—	25.6	30.5	20.8	93	24.7	7.5	125.1	13	1.4	3.14
August ...	—	25.6	30.8	20.3	87	24.9	4.5	119.8	8	1.6	3.58
September ...	—	26.4	31.8	21.0	91	24.4	3.7	139.6	10	2.9	4.63
October ...	—	—	—	—	—	—	3.1	6.3	3	2.0	7.84
November ...	—	—	—	20.8	73	23.8	4.8	30.2	1	1.8	9.39
December ...	—	—	—	20.7	72	25.1	3.8	8.0	1	1.4	11.81
YEAR ...	—	—	—	—	—	—	4.0	793.2	75	2.0	7.73

Absolute Max. 40.9 °C.

Absolute Min. 17.7 °C.

Max. Rain in 1 day 69.2 mms.

## TORIT.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picbe.
	(m.b.)										
<b>1927</b>											
January ...	—	—	—	17.2	—	—	0.0	0.0	0	1.7	9.50
February ...	—	—	—	19.1	—	—	0.7	21.8	2	1.2	10.07
March ...	—	—	—	18.5	—	—	1.2	97.5	6	—	7.68
April ...	—	—	—	18.3	63	23.8	1.5	94.9	12	1.1	6.97
May ...	—	—	—	17.8	68	26.7	0.4	43.7	8	1.5	6.97
June ...	—	—	—	17.8	71	26.4	0.7	103.6	8	1.4	5.73
July ...	—	—	—	17.2	78	24.7	1.9	218.6	14	1.8	4.10
August ...	—	—	—	16.6	76	24.9	0.5	135.7	7	0.8	4.32
September ...	—	—	—	17.1	71	26.5	0.6	43.2	4	0.6	6.08
October ...	—	—	—	16.9	57	25.1	0.2	7.0	2	3.1	8.58
November ...	—	—	—	17.6	58	24.7	0.2	81.5	6	1.6	8.90
December ...	—	—	—	17.8	53	24.4	0.1	0.0	0	2.0	10.86
YEAR ...	—	—	—	17.7	—	—	0.7	847.5	69	—	7.48

Absolute Max. ... °C.

Absolute Min. 14.5 °C.

Max. Rain in 1 day 68.2 mms.

## LERUA.

YEAR.	PRESSURE. 8 h. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Plebe.
		Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	
<b>1927</b>											
January	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—
June	—	22°0	27°4	16°6	71	17°4	—	152°3	23	—	—
July	—	21°2	26°2	16°3	75	17°6	—	169°0	25	—	—
August	—	21°2	26°6	15°7	78	18°7	—	254°0	26	—	—
September	—	22°0	28°2	15°9	72	18°0	—	172°0	21	—	—
October	—	24°2	31°8	16°7	57	15°9	—	82°0	15	—	7°63
November	—	24°0	31°1	16°8	66	18°0	—	64°0	16	—	7°22
December	—	25°9	33°6	18°2	54	15°8	—	17°0	4	—	12°65
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ... °C.      Absolute Min. ... °C.      Max. Rain in 1 day ... mms.

**DURATION OF BRIGHT SUNSHINE.**

	ALEXANDRIA.		PORT SAID.		QUBASHIYA.		TANTA.		GIZA.	
	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.
<b>1927</b>										
January	7.8	75	7.2	70	7.7	75	7.6	74	7.9	76
February	6.7	61	6.9	62	6.9	63	6.6	60	7.6	68
March	10.0	83	10.0	84	10.0	84	9.7	81	—	—
April	10.5	81	10.0	77	10.1	79	9.9	76	—	—
May	12.5	91	12.1	88	11.8	86	11.8	86	12.1	88
June	12.9	91	12.4	88	12.6	90	12.4	88	12.5	89
July	12.7	91	12.1	87	12.4	89	12.4	89	12.3	89
August	12.5	94	11.9	90	11.6	87	11.8	89	11.9	90
September	11.3	92	11.0	90	10.6	86	10.4	85	10.7	85
October	9.7	85	9.9	87	9.7	85	9.2	81	9.8	85
November	7.5	71	8.9	85	8.6	82	7.9	75	8.6	81
December	7.3	72	7.1	70	7.4	73	7.0	69	8.0	78
YEAR	10.1	82	10.0	82	10.0	82	9.7	79	—	—

For observations at HELWAN See page 11.

	KHARTOUM.		WAD MEDANI.		HAIFA.		JENIN.		JERICHO.	
	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.
<b>1927</b>										
January	10.7	95	10.2	91	6.6	65	6.2	62	6.7	66
February	11.0	95	10.7	93	6.5	60	6.0	56	6.2	57
March	10.8	90	10.6	88	9.3	78	9.5	80	10.2	87
April	11.2	90	11.3	90	9.3	73	9.4	73	9.9	77
May	10.0	78	9.8	76	11.9	88	12.5	92	11.8	87
June	10.1	77	—	—	12.0	85	13.1	93	12.0	85
July	8.5	66	6.7	52	12.1	87	13.1	94	11.7	84
August	9.1	72	8.2	65	11.7	88	12.5	94	11.7	89
September	9.5	78	9.4	77	10.0	81	11.1	90	11.4	93
October	10.3	88	10.2	87	9.3	82	9.8	86	10.4	93
November	11.0	97	10.8	95	7.9	76	8.3	79	8.6	83
December	10.8	96	—	—	5.8	59	6.3	63	7.2	72
YEAR	10.2	85	—	—	9.4	77	9.8	80	9.8	81

**ACTINOMETRIC OBSERVATIONS (°C) 1927.**

	January.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.
<b>Alexandria at 14h.</b>												
Black Bulb in Vacuo ... ... ...	31·9	32·0	41·0	43·6	48·8	51·1	53·8	55·0	55·4	54·3	49·3	41·5
Absolute Black Bulb ... ... ...	38	40	46	49	56	54	56	58	58	58	55	45
Date ... ...	Several Dates	Several Dates	11	15, 19, 30	14	29, 30	11	14, 15, 26	19	7	8	9, 10
<b>Aswan daily Maximum.</b>												
Black Bulb in Vacuo ... ... ...	51·5	52·3	61·4	64·6	68·8	71·0	72·8	70·7	68·4	65·4	56·8	53·4
Bright „ „ „ „	31·0	30·5	39·0	42·1	48·0	48·9	50·9	49·8	47·6	45·8	37·4	33·8
Absolute Black Bulb ... ... ...	58·5	58·0	70·0	72·0	74·5	76·5	79·5	72·5	70·5	69·5	62·0	58·0
Date ... ...	19	29	30	20	26	3	18	Several Dates	1, 12, 21	14	1	3
Absolute Bright Bulb .. ... ..	39·0	34·0	43·5	50·0	54·0	52·5	55·0	55·0	50·0	49·5	42·0	38·5
Date ... ...	1	6, 26	30	20	15, 16	9	24	12	21	14	1	11

N.B. — For Observations at Helwan see page 11.

**RIVER TEMPERATURE (°C) 1927.**

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Aswan Reservoir.</b>												
	Readings every Wednesday at 7 h. Depth 1·5 metres.											
1	16·0	16·0	16·0	19·0	21·0	25·0	26·0	27·0	26·0	25·0	—	—
2	16·0	16·0	17·0	20·0	24·0	26·0	26·0	26·0	27·0	25·0	—	—
3	16·0	16·0	18·0	23·0	24·0	26·0	28·0	26·0	26·0	—	—	—
4	16·0	16·0	19·0	20·0	25·0	27·0	28·0	27·0	26·0	—	—	—
5	—	—	19·0	—	—	27·0	—	27·0	—	—	—	19·0
Mean.	16·0	16·0	17·8	20·5	23·5	26·2	27·0	26·6	26·2	25·0	—	—
<b>Zeraf Cut.</b>												
	Readings daily at 8 h.											
1927	—	—	—	27·0	27·3	26·4	26·1	26·8	27·5	28·2	27·4	26·1
Highest Reading	—	—	—	27·9	28·5	27·6	26·9	27·5	28·0	28·8	28·1	27·8
Lowest Reading	—	—	—	26·0	25·9	25·0	25·2	26·1	26·7	27·3	26·4	24·2

Note : - Zeraf Cut temperature at 14h averaged 0·5 °C. to 0·6 °C. higher than temperature at 8h.

**EARTH TEMPERATURE (°C).**

From Daily Readings at 14 h.

	Depth of Thermometers Metres.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1927... ... ... ... ...		15.8	—	19.3	24.3	28.2	31.1	33.0	33.4	32.0	28.5	23.1	18.2
<b>Giza.</b>													
Mean 1918-27... ... ...		15.9	16.7	19.6	23.4	26.6	29.6	31.4	31.6	30.1	27.0	22.9	18.2
Highest Monthly Means ...	0.60	17.2	18.1	20.6	25.1	28.2	31.2	33.0	33.4	32.0	28.5	24.6	20.1
Year ...		1919	1917	1925	1924	1927	1924	1927	1927	1927	1927	1919	1918
Lowest Monthly Means ...		14.6	15.6	17.8	22.0	25.6	27.4	29.2	30.4	27.5	24.0	20.1	16.4
Year ...		1923	1920	1921	1921	1921	1913	1913	1913	1916	1916	1913	1922
1927... ... ... ... ...		17.7	17.1	19.3	22.3	25.2	28.3	30.0	30.7	30.5	28.7	25.4	21.6
Mean 1918-27... ... ...		18.1	17.8	19.4	21.9	24.4	26.8	28.8	29.5	29.0	27.2	24.5	20.9
Highest Monthly Means ...	1.10	19.0	18.7	20.3	22.8	25.2	28.3	30.0	30.7	30.5	28.7	25.4	21.9
Year ...		1917, 1919	1917	1925	1924	1924, 26, 27	1927	1927	1927	1927	1927	1918, 1927	1915
Lowest Monthly Means ...		17.4	17.0	18.0	20.6	23.2	24.8	26.9	28.0	27.6	25.0	22.9	19.9
Year ...		1924	1925	1921	1921	1913	1913	1913	1913	1916	1913	1913	1913
1927... ... ... ... ...		21.0	13.7	19.5	20.7	22.2	24.0	25.6	26.8	27.5	27.2	26.0	24.0
Mean 1918-27... ... ...		20.9	19.8	19.7	20.7	22.0	23.8	25.4	26.5	26.9	26.4	25.1	23.1
Highest Monthly Means ...	2.09	22.1	20.6	20.3	21.1	22.7	24.6	26.6	27.3	27.5	27.2	26.0	24.2
Year ...		1916	1916	1915, 1916	1915, 1916	1924, 1926	1924	1924	1924	1924, 1927	1927	1927	1915
Lowest Monthly Means ...		19.8	19.1	19.0	19.8	19.1	22.6	24.5	25.7	26.4	24.7	23.8	22.3
Year ...		1918	1924	1923	1921	1913	1913	1913	1913	1913, 1920	1913	1918	1913
<b>Qurashiya.</b>													
1927... ... ... ... ...	0.60	—	17.4	19.0	22.7	27.2	30.3	32.5	33.0	32.2	30.0	26.0	22.0
	1.10	—	19.6	19.5	21.5	24.5	27.4	29.5	30.5	30.5	29.3	27.0	24.1
<b>Sakha.</b>													
1927... ... ... ... ...	0.60	—	16.5	18.3	21.0	24.7	27.6	29.7	30.0	29.6	28.5	25.6	21.6
	1.10	—	18.5	18.8	20.2	32.6	25.0	27.5	28.8	28.6	28.0	25.5	23.3
<b>Qasr el Gebali:</b>													
1927... ... ... ... ...	0.60	—	17.5	20.2	23.1	27.7	30.4	32.6	33.3	31.8	29.8	25.9	23.3
	1.10	—	18.9	19.4	21.6	25.1	27.3	29.9	31.0	30.4	29.0	26.7	25.6

**RAINFALL STATIONS**

**1927.**

## RAINFALL 1927.

**R** is rainfall in millimetres.**D** is number of days with at least one millimetre of rain.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR
<b>Egypt.</b>														
Sidi Barrani ... ... ... ... {	R D	4°0 2	62°0 3	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	23°0 2	8°0 2	6°0 2	103°0 11
Ras el Dabaa ... ... ... ... {	R D	3°0 2	56°5 7	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	91°0 8	4°0 1	154°5 18
Amria ... ... ... ... {	R D	21°0 5	80°0 7	1°0 1	1°0 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°8 0	67°5 5	20°5 4	191°8 23
Borg el Arab ... ... ... ... {	R D	11°8 5	70°3 6	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	163°5 6	7°5 3	253°1 20
Hammam ... ... ... ... {	R D	7°5 4	30°4 7	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	3°0 1	111°0 6	5°5 3	166°4 23
Mex ... ... ... ... {	R D	30°9 9	85°5 11	6°7 1	3°2 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	12°7 1	102°7 6	20°3 4	262°0 33
Rosetta L.H. ... ... ... ... {	R D	24°3 4	103°7 10	5°2 2	16°7 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	Drops 0	54°0 4	26°0 4	229°9 25
Borollos L.H. ... ... ... ... {	R D	33°0 6	94°5 9	3°5 2	4°0 2	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	60°7 4	7°8 3	203°5 26
Damietta L.H. ... ... ... ... {	R D	3°2 1	66°1 6	16°5 1	Drops 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	1°7 1	18°8 3	11°0 4	117°3 16
El Arish ... ... ... ... {	R D	0°0 0	54°0 5	7°0 1	4°0 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	15°0 1	4°5 1	11°0 1	95°5 10
El Themed ... ... ... ... {	R D	0°0 0	24°0 5	20°0 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	44°0 6
Ismailia ... ... ... ... {	R D	0°0 0	10°2 5	0°0 0	2°0 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	Drops 0	18°0 1	3°2 1	33°4 8
Mansura ... ... ... ... {	R D	11°5 3	23°5 5	Drops 0	Drops 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	14°0 1	2°3 1	51°3 10
Faqus ... ... ... ... {	R D	Drops 0	2°2 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	Drops 0	3°6 1	0°9 0	6°7 1
Kafr el Sheikh ... ... ... ... {	R D	8°6 4	31°1 6	0°0 0	0°9 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	5°5 2	11°9 3	58°0 15
Kafr el Zayat ... ... ... ... {	R D	6°0 1	69°5 7	0°0 0	11°0 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	14°0 1	17°5 2	26°5 3	144°5 15
Damanhur ... ... ... ... {	R D	16°7 4	65°0 7	1°5 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	2°7 1	18°2 3	10°9 3	115°0 19
<b>Sudan.</b>														
Abu Hamed ... ... ... ... {	R D	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°7 0	0°0 0	0°0 0	0°0 0	0°0 0	0°7 0
Sallom ... ... ... ... {	R D	2°3 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	27°3 2	51°0 2	81°1 5
Sinkat ... ... ... ... {	R D	0°0 0	0°0 0	0°0 0	0°0 0	7°2 2	0°0 0	5°8 3	62°3 5	11°2 1	1°5 1	3°0 1	0°0 0	91°0 13
Talgwareb ... ... ... ... {	R D	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	24°2 3	40°9 4	11°5 6	16°2 2	3°7 1	0°0 0	96°3 16
Thamiam ... ... ... ... {	R D	0°0 0	0°0 0	0°0 0	0°0 0	1°0 1	1°7 1	26°3 3	24°0 1	6°2 2	18°5 2	0°0 0	0°0 0	77°7 10
Akik ... ... ... ... {	R D	32°1 6	15°2 3	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	56°8 12
Karora ... ... ... ... {	R D	27°2 2	11°9 4	1°5 1	3°6 2	0°0 0	0°0 0	69°0 4	0°0 0	0°0 0	4°5 1	7°7 3	20°9 5	146°3 32
Khashm el Girba ... ... ... ... {	R D	—	—	—	—	0°0 0	48°0 1	135°8 10	210°4 12	68°3 8	0°0 0	0°0 0	0°0 0	Readings taken during flood only.
Gedaref ... ... ... ... {	R D	0°0 0	0°0 0	0°0 0	0°0 0	1°6 1	104°7 10	260°6 11	218°8 10	113°2 8	27°1 2	0°0 0	0°0 0	736°0 48
Abu Deleig ... ... ... ... {	R D	0°0 0	0°0 0	0°0 0	0°0 0	15°4 1	2°2 1	69°0 6	19°4 4	27°2 5	6°4 2	0°0 0	0°0 0	139°6 19
Khartoum Irrign ... ... ... ... {	R D	0°0 0	0°0 0	0°0 0	0°0 0	2°5 1	0°4 0	130°8 5	74°2 4	12°7 3	3°4 2	0°0 0	0°0 0	230°0 15

## RAINFALL 1927 (continued).

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
<b>Sudan (contd.).</b>														
Kamlin ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	2.5	0.0	41.8	47.8	66.5	1.0	0.0	0.0	159.6
Rufaa ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	5.0	14.0	244.0	165.0	170.0	0.0	0.0	0.0	598.0
Hassa Hissa ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	1.7	11.9	158.1	106.9	92.4	0.0	0.0	0.0	371.0
Wad Medani Irrign ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	11.5	31.0	162.8	75.5	124.8	8.5	0.0	0.0	414.1
Managil ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	2.2	3.8	90.7	63.5	118.3	0.0	0.0	0.0	278.5
Hag Abdulla... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	22.2	17.5	180.9	111.3	203.4	0.0	0.0	0.0	535.3
Wad Haddad ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	Drops	14.9	143.2	113.4	127.9	3.6	2.0	0.0	405.0
Mafaza ... ... ... ... { R D	—	—	—	—	—	—	97.2	293.0	217.7	213.6	0.0	0.0	0.0	Readings taken during flood only.
Sennar ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	54.8	52.5	295.2	135.6	137.6	Drops	0.0	0.0	675.7
Abu Hashim... ... ... ... { R D	—	—	—	—	—	—	—	157.1	138.6	137.8	14.5	0.0	—	Readings taken during flood only.
Karkoj ... ... ... ... { R D	0.0	0.0	0.0	0.0	1.0	11.8	56.8	255.5	165.5	240.0	9.0	0.0	0.0	739.6
Dar Fung ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	35.6	448.4	98.5	30.0	641.9	170.1	0.0	0.0	1703.5
Kurmuk... ... ... ... ... { R D	0.0	0.0	0.0	26.7	0.2	90.8	220.1	293.8	169.0	152.8	39.6	—	0.0	993.0
Geteina ... ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.0	115.0	60.5	0.0	0.0	0.0	263.5
Kawa ... ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	Drops	21.0	105.0	111.5	82.2	1.3	0.0	0.0	321.9
Kosti ... ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	30.3	74.4	272.0	151.1	118.7	17.6	0.0	0.0	664.1
Renk ... ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	19.6	162.2	244.3	149.9	103.8	31.9	5.8	0.0	717.5
Melut ... ... ... ... ... { R D	0.0	0.0	2.4	0.0	0.0	35.0	85.0	214.4	127.5	44.8	15.9	4.5	0.0	529.5
Kodok ... ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	48.1	110.3	131.0	217.8	97.6	48.9	0.0	0.0	653.7
Tonga ... ... ... ... ... { R D	0.0	0.0	2.9	0.0	0.0	92.0	202.1	208.1	177.6	121.1	90.6	4.1	0.0	898.5
Bara... ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	9.1	4.6	101.3	47.7	110.0	0.0	0.0	0.0	281.7
Om Buaba ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	2.5	33.9	62.6	96.2	56.7	7.1	0.0	0.0	250.0
El Nahud ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	19.0	26.3	128.2	156.3	31.1	32.3	0.0	0.0	393.3
Al Rahad ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	15.2	23.7	110.1	100.5	74.4	23.9	0.0	0.0	347.8
Rashad ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	80.0	44.0	173.5	96.0	50.0	96.0	—	—	539.5
Dilling ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	66.5	43.1	117.6	176.0	147.6	42.8	0.0	0.0	593.6
Nyala ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	64.0	58.3	164.0	135.9	94.8	17.3	0.0	0.0	534.3
Kadugli ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	44.7	149.5	205.0	83.7	67.6	47.0	0.0	0.0	597.5
Talodi ... ... ... ... { R D	0.0	0.0	0.0	0.0	0.0	67.2	75.9	159.5	171.6	170.4	43.1	12.6	0.0	700.3
		0	0	0	0	6	7	15	15	10	7	1	0	61

## RAINFALL 1927 (continued).

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
<b>Sudan (contd.)</b>														
Abwong ...	R D	0·0 0	0·0 0	0·0 0	18·6 2	71·0 5	52·1 6	186·5 15	182·2 10	58·2 7	20·7 3	19·3 2	0·0 0	608·6 50
Nasser ...	R D	0·0 0	0·0 0	13·0 1	6·1 3	54·5 10	102·8 13	160·6 9	199·0 9	64·1 6	2·5 2	9·8 2	0·0 0	612·4 55
Akobo Post ...	R D	0·0 0	0·0 0	8·8 2	39·4 5	26·7 7	87·4 10	169·8 15	229·5 13	142·0 9	6·7 3	9·4 3	0·0 0	710·7 67
Pibor Post ...	R D	0·0 0	6·5 1	41·7 4	70·5 3	Drops 0	42·5 4	117·0 6	248·7 9	167·9 7	15·0 2	Drops 0	Drops 0	70·8 36
Meshra el Rek ...	R D	0·0 0	0·0 0	4·0 1	0·0 0	86·0 8	109·9 6	142·4 7	179·9 10	113·6 6	0·0 0	13·5 1	0·0 0	649·3 39
Raga ...	R D	0·0 0	3·0 1	38·0 2	19·0 1	108·7 7	222·3 14	260·5 13	317·1 15	203·9 15	93·9 12	4·0 1	8·7 1	1279·1 82
Rumbek ...	R D	0·0 0	10·9 1	79·6 4	30·4 4	50·9 5	126·9 7	162·0 8	234·4 14	100·7 3	53·2 4	107·6 2	0·0 0	974·6 52
Meridi ...	R D	0·0 0	31·4 4	55·2 5	107·0 10	97·3 7	192·8 9	100·4 10	138·7 17	107·7 11	119·0 11	53·3 4	17·4 3	1109·2 91
Yambio ...	R D	0·3 0	14·7 2	83·3 5	139·7 7	73·0 9	154·7 9	89·7 9	68·9 8	88·5 8	59·5 6	51·3 5	0·0 3	832·6 71
Fangak ...	R D	0·0 0	0·0 0	28·0 1	2·0 1	96·0 5	94·2 6	190·9 11	160·5 12	130·4 9	76·9 8	0·0 0	0·0 0	784·9 53
Ghaba Shambé ...	R D	0·0 0	5·8 1	15·0 1	35·0 2	13·0 2	133·0 9	54·0 3	126·0 5	64·0 4	0·0 0	8·0 1	0·0 0	453·8 28
Bor ...	R D	0·0 0	Drops 0	20·0 1	108·0 4	38·5 5	115·1 9	157·9 8	64·4 5	21·6 4	16·8 1	17·6 3	1·3 1	561·2 41
Malek ...	R D	0·3 0	1·4 1	44·1 5	67·4 5	39·5 7	85·8 8	111·0 10	132·9 8	41·5 5	4·8 2	0·0 0	3·6 2	532·3 53
Terrikaka ...	R D	0·0 0	8·0 1	52·2 7	34·0 2	26·0 4	111·1 10	168·9 9	85·0 6	126·2 5	4·5 1	31·5 6	26·0 1	673·4 53
Amadi ...	R D	0·0 0	3·2 1	49·4 4	102·1 8	109·0 9	78·2 9	177·9 13	75·0 8	188·7 15	37·1 5	7·1 2	7·0 1	834·7 75
Rejaf ...	R D	0·0 0	17·5 2	46·1 6	100·7 5	23·8 3	100·0 9	106·7 7	56·2 4	111·0 6	14·5 2	67·5 3	55·5 2	69·5 49
Yei ...	R D	3·0 1	22·8 4	71·7 8	159·5 6	192·6 10	130·0 9	155·9 15	161·7 11	223·0 14	33·0 6	102·8 8	23·4 3	1270·4 93
Kajo Kaji ...	R D	2·8 1	18·8 3	82·6 9	178·4 14	251·9 10	130·3 10	57·5 6	99·3 9	247·4 14	42·4 4	71·1 9	31·2 4	1216·7 93
Nimule ...	R D	27·2 1	13·6 1	35·3 3	85·1 10	111·3 13	76·4 9	172·3 13	41·8 8	206·4 13	40·9 6	49·7 8	Drops 0	860·0 85
Meshra Surur ...	R D	28·1 2	13·6 1	23·2 2	108·3 9	85·3 11	74·7 7	162·6 11	50·3 8	177·9 11	37·2 6	38·0 7	Drops 0	799·2 75
<b>Abyssinia.</b>														
Adis Ababa ...	R D	1·0 1	52·5 7	44·9 5	119·3 9	60·0 7	92·3 16	340·4 25	271·0 26	259·8 21	1·9 1	18·5 5	0·4 0	1271·0 123
Adami Tullu ...	R D	0·0 0	45·60 5	7·60 2	12·50 4	27·90 4	3·60 1	83·80 8	130·15 9	126·55 14	0·15 0	4·50 1	0·0 0	442·35 48
Gore ...	R D	2·7 1	89·8 9	120·9 12	147·6 13	164·9 15	347·9 28	298·3 26	263·9 28	356·4 25	54·2 7	47·4 7	45·2 6	1939·2 177
Saiyo ...	R D	0·0 0	29·5 3	26·8 4	48·2 5	92·7 9	327·6 19	268·4 17	155·2 13	58·5 7	48·6 4	49·4 6	14·2 2	1119·1 89
Dangila ...	R D	0·0 0	0·0 0	0·0 0	16·8 2	34·2 5	295·5 22	307·1 29	298·6 29	318·6 25	11·8 1	30·9 6	4·2 2	1317·7 122
<b>Somaliland.</b>														
Djibouti ...	R D	4·0 1	8·0 1	Drops 0	181·5 6	Drops 0	0·0 0	Drops 0	0·0 0	10·0 1	0·0 0	Drops 0	0·0 0	205·5 9

**REPORT FOR 1928.**

### Differences from Normal by Districts.

1928.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
PRESSURE AT (8 <sup>h</sup> ) IN MILLIBARS.													
1. Mediterranean Coast ... ... ... ... ...	+0.3	+0.6	+1.5	+0.1	+0.5	-0.6	+0.3	+0.2	+0.5	+0.7	-0.9	-0.8	+0.2
2. Middle Egypt ... ... ... ... ...	-0.7	-0.3	+0.4	-0.3	-0.2	-1.6	-0.4	-0.7	0.0	-0.1	-0.9	-1.2	-0.5
3. Upper Egypt... ... ... ... ...	-1.9	+0.4	-0.9	-0.8	-1.1	-1.5	+0.3	-0.1	-0.4	-0.1	-0.1	-1.1	-0.6
4. North Sudan... ... ... ... ...	-2.7	-0.4	-1.9	-0.9	-0.3	-1.3	-0.7	+0.4	-1.5	-0.6	-0.1	-1.4	-1.0
5. Red Sea ... ... ... ... ...	-0.9	+0.3	-0.1	-0.8	+0.1	-1.2	+0.4	+0.4	-0.4	-0.8	-0.7	0.0	-0.3
6. Central Sudan ... ... ... ... ...	-3.2	-1.3	-2.0	-0.8	-0.1	-1.1	-1.1	+0.1	-1.9	-1.7	-0.7	-1.9	-1.3
7. South Sudan ... ... ... ... ...	-0.1	-0.8	-0.9	-0.1	+0.8	-0.5	+0.5	+0.6	-0.3	-0.1	+0.5	-0.8	-0.3
TEMPERATURE (MAXIMUM + MINIMUM) /2 IN DEGREES CENTIGRADE.													
1. Mediterranean Coast ... ... ... ... ...	+2.0	-0.6	-0.3	+2.5	+2.0	+0.1	+0.1	+0.8	+1.3	+0.8	+1.0	-0.3	+0.8
2. Middle Egypt ... ... ... ... ...	+1.7	-0.1	-0.5	+2.3	+2.2	0.0	+0.2	+1.0	+1.1	0.0	+0.5	+0.2	+0.7
3. Upper Egypt... ... ... ... ...	+2.8	-0.5	+1.3	+1.2	+3.5	-0.5	-0.7	+0.7	+1.4	-0.2	-0.5	+0.9	+0.8
4. North Sudan... ... ... ... ...	+3.1	+0.7	+2.8	+1.5	+1.8	+0.2	+0.7	+0.6	+1.9	+1.0	-1.4	+2.0	+1.3
5. Red Sea ... ... ... ... ...	+1.8	+1.0	+0.5	+1.0	+2.2	+0.8	-0.3	+1.1	+0.8	+1.0	0.0	+0.6	+0.9
6. Central Sudan ... ... ... ... ...	+3.2	+2.0	+2.0	+0.6	-0.2	+0.1	+0.5	-0.1	+1.0	+0.6	-0.1	+1.0	+0.9
7. South Sudan ... ... ... ... ...	+3.0	+2.0	+1.0	-0.2	-0.2	+0.6	+0.3	+0.8	+0.8	+0.2	+0.6	+0.6	+0.8
RAINFALL IN MILLIMETRES.													
1. Mediterranean Coast ... ... ... ... ...	-22	+20	0	-3	-2	0	0	0	0	-7	-5	-5	24
2. Middle Egypt ... ... ... ... ...	-4	+1	-6	-2	-1	0	0	0	0	-1	0	-4	17
3. Upper Egypt... ... ... ... ...	-	-	-	-	-	-	-	-	-	-	-	-	-
4. North Sudan... ... ... ... ...	0	0	+3	0	0	-3	-27	-4	-7	-2	0	0	-40
5. Red Sea ... ... ... ... ...	0	-4	-1	-1	0	-3	-10	-3	-2	-8	-4	-18	-54
6. Central Sudan ... ... ... ... ...	0	0	+3	+9	+14	-8	-9	+21	-41	-8	0	0	-19
7. South Sudan ... ... ... ... ...	+6	-6	+6	+59	+21	+3	-56	-1	+7	-5	-2	-3	+29

**MONTHLY SUMMARIES  
1928.**

## Summary of Meteorological Observations

 $\varphi = 31^\circ 12' \text{ N.}$   $\lambda = 29^\circ 53' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (mb.)	AIR TEMPERATURE (CENTIGRADE).										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (mb.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>1928</b>																			
January	1014.1	14.6	18.6	15.0	15.5	20.1	12.0	22.6	1	9.3	20	78	66	75	76	12.9	13.9	13.5	13.4
February	13.6	13.8	16.0	14.1	13.8	17.0	11.4	22.5	1	5.7	28	75	67	73	74	11.7	12.3	11.7	11.9
March	12.7	14.8	18.4	15.1	15.3	20.7	12.3	28.1	27	7.9	3	75	63	77	76	12.7	13.5	13.2	13.1
April	10.0	20.0	24.3	20.2	20.3	27.3	16.7	42.8	23	12.2	8	71	60	75	73	16.1	17.4	17.3	16.9
May	9.8	22.4	25.7	22.0	22.4	29.0	19.1	40.1	19	16.5	14	7	64	77	74	11.0	23.8	29.8	19.9
June	7.2	24.0	26.0	23.1	23.0	27.1	21.1	35.2	4	17.1	3	79	75	87	83	23.2	24.9	24.1	24.1
July	5.5	25.3	27.5	24.0	25.1	28.1	23.0	30.4	31	21.8	6	84	79	88	86	6.8	28.7	27.0	27.5
August	5.8	26.8	29.3	26.1	26.5	30.1	23.8	32.2	22, 26	21.5	31	77	70	83	85	26.7	28.3	27.5	27.5
September	9.8	26.0	28.7	25.4	25.0	30.0	23.0	34.0	23	20.8	11	75	70	80	78	25.7	27.2	25.8	26.2
October	12.0	23.8	26.3	22.5	23.3	27.1	20.7	32.5	9	17.2	27	73	62	75	72	20.4	21.1	20.4	20.6
November	12.2	19.0	24.4	20.1	20.0	26.1	16.7	33.0	9	12.0	25	68	53	69	68	15.1	16.0	16.0	15.7
December	13.2	13.0	18.9	16.0	15.2	19.9	11.9	25.6	14	9.0	21	80	65	73	76	12.7	14.1	13.2	13.3
YEAR	1010.6	20.1	23.7	20.4	20.6	25.1	17.7	—	—	—	—	75	66	78	76	18.6	19.8	19.1	19.2

## Summary of Meteorological Observations

 $\varphi = 30^\circ 51' \text{ N.}$   $\lambda = 31^\circ 7' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (mb.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (mb.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>1928</b>																			
January	1016.7	9.8	20.2	12.2	12.2	21.2	6.6	24.3	12	3.2	23	88	54	85	86	10.7	12.5	11.9	11.7
February	15.6	10.2	18.0	11.5	11.5	19.2	6.3	25.5	1	2.2	29	87	60	82	84	10.8	12.0	11.1	11.3
March	15.4	13.5	22.4	13.5	14.0	23.0	6.6	30.0	27, 30	0.2	1	81	48	84	82	12.5	12.7	12.8	12.7
April	12.6	20.5	30.6	19.8	20.4	31.3	10.6	44.0	24	6.5	1	68	39	73	70	16.1	16.5	16.4	16.3
May	12.0	24.0	33.7	23.5	23.9	34.5	14.3	43.2	19	10.0	14	67	40	70	68	19.6	20.1	19.6	19.8
June	9.0	25.1	34.0	25.1	25.1	34.8	16.3	38.3	10	12.5	8	73	39	69	71	22.8	20.4	22.0	21.7
July	7.4	25.5	34.7	25.8	26.1	35.3	18.5	37.8	31	16.0	10	80	44	76	78	26.0	23.8	24.9	24.9
August	7.8	26.2	35.4	26.3	26.6	36.1	18.7	38.8	6	16.5	8	83	47	82	82	27.9	26.7	27.8	27.5
September	11.8	24.8	33.5	23.4	25.0	34.3	17.6	38.3	27	16.1	15, 17	82	48	85	84	25.4	24.1	24.9	24.8
October	14.6	21.4	29.1	20.0	21.3	30.2	14.6	34.7	1	12.1	28, 31	80	52	82	81	20.1	20.5	19.1	19.9
November	15.0	16.4	25.8	17.4	17.8	26.9	11.8	32.3	9	7.1	26	82	44	78	80	15.4	14.3	15.5	15.1
December	16.2	10.4	20.0	12.5	12.4	21.0	6.8	27.4	14	4.4	21	79	52	75	77	10.0	11.9	10.8	10.9
YEAR	1012.8	19.0	28.1	19.3	19.7	29.0	12.4	—	—	—	—	79	47	78	79	18.1	18.0	18.1	18.0

at ALEXANDRIA (Kum el Nadra) for the year 1928.

$H = 33$  m.     $h_t = 1.7$  m.     $h_r = 2.0$  m.     $C_h = + 3.7$  m.b.

CLOUD AMOUNT (0-10)				RAINFALL (mm.)		DAYS WITH		WIND												EVAPORATION mm. per day
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm.	VELOCITY		DIRECTION								Piche	
					Amount	Date			Mean of day	Kms. per hour.	N	NE	E	SE	S	SW	W	NW	Calm	
6.2	6.4	4.8	5.8	17.2	7.0	21	8	5	11.4	13.5	5.5	5.5	14.5	3	14	14.5	16.5	6	4.14	
6.4	6.7	4.7	5.9	30.3	8.4	24	13	9	21.4	11.5	8	5	4	6.5	3	16	31	2	4.58	
4.5	4.1	2.4	3.7	7.9	7.9	20	1	1	10.3	22	14.5	17	8.5	2	2.5	6	15.5	5	4.28	
3.0	2.6	2.3	2.6	Drops	Drops	5	0	0	11.5	33	12.5	5.5	7.5	6	3.5	8	12	2	5.06	
3.5	2.6	2.7	2.9	Drops	Drops	10, 27, 28	0	0	13.2	26	19	7	6.5	6	1	5	21.5	1	5.05	
1.6	1.0	2.0	1.5	0.0	0.0	—	0	0	14.1	30	7.5	4.5	1.5	0	0	4.5	42	0	4.20	
2.1	0.6	1.5	1.4	0.0	0.0	—	0	0	14.7	36.5	6.5	0	0	0	0	9.5	40.5	0	3.92	
3.4	1.6	1.6	2.2	0.0	0.0	—	0	0	13.1	33	3	0	0	0.5	1	13.5	39	3	3.95	
3.5	2.1	1.4	2.3	0.0	0.0	—	0	0	10.9	52	11	1.5	0	1	2	2	16.5	4	4.56	
3.7	3.0	2.5	3.1	Drops	Drops	10	0	0	11.7	51.5	14.5	4.5	3	2.5	1	3.5	11.5	1	4.75	
4.1	3.8	2.9	3.6	28.3	18.0	22	6	4	13.2	13.5	6.5	6	11	17	10.5	12.5	13	0	5.01	
6.5	6.6	5.1	6.1	16.4	7.4	7	6	5	21.1	4	5	7.5	3.5	9.5	29	17.5	10	7	4.78	
4.0	3.4	2.8	3.4	100.1	—	—	34	24	13.9	326.5	113.5	64	60	54	67.5	112.5	269	31	4.52	

at QURASHIYA for the year 1928.

$H = 7.6$  m.     $C_h = + 0.9$  m.b.

CLOUD AMOUNT (0-10)				RAINFALL (mm.)		DAYS WITH		WIND												EVAPORATION mm. per day
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm.	VELOCITY		DIRECTION								Piche	
					Amount	Date			Mean of day	Kms. per hour.	N	NE	E	SE	S	SW	W	NW	Calm	
2.8	4.0	2.5	3.1	4.8	3.1	8	3	2	4.3	1	0	0.5	21	3.5	21	0	12	34	2.23	
3.4	4.9	3.5	3.9	16.7	4.6	25	9	5	9.2	1	0	0.5	6.5	1	25.5	7	19.5	26	2.71	
2.3	2.1	0.7	1.7	Drops	Drops	8, 20	0	0	5.4	1	1	1	45	3.5	12.5	3.5	10.5	15	3.69	
1.1	1.7	0.4	1.1	1.2	1.2	6	1	1	5.4	0	3	0	54	1	5	1	11	15	6.22	
1.9	1.2	1.4	1.5	0.0	0.0	—	0	0	5.0	0	0	0	53	0	4	2.5	13.5	20	7.25	
0.6	0.3	0.1	0.3	0.0	0.0	—	0	0	4.1	0	1	0	33	2	3	2	12	38	6.53	
2.5	0.2	0.0	0.9	0.0	0.0	—	0	0	4.3	1	0.5	0	20	1.5	5.5	2.5	26	36	5.78	
1.9	0.5	0.2	0.9	0.0	0.0	—	0	0	3.3	0	3	0	12.5	2	22.5	1.5	7.5	44	5.51	
1.9	1.2	0.0	1.0	0.0	0.0	—	0	0	2.0	0	1	0	17	2.5	4.5	0	7	58	4.38	
2.2	2.7	0.7	1.9	0.0	0.0	—	0	0	2.1	0	0	0	17	1	7	1	5	62	3.17	
4.1	3.2	2.7	3.3	6.9	3.1	18	4	3	4.1	0	0	0	3	9	18	1	2	57	2.72	
3.6	4.0	2.4	3.3	4.2	3.9	7	2	1	6.0	0	0.5	0.5	5	14.5	23.5	1	3	45	2.38	
2.4	2.2	1.9	1.9	33.8	—	—	19	12	4.6	4	10	2.5	286	41.5	153	23	120	450	4.38	

**Summary of Meteorological Observations**

$\varphi = 30^\circ 3' \text{ N.}$

$\lambda = 31^\circ 15' \text{ E. of Greenwich.}$

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
	1928																		
January ... ... ...	1015.9	10°9	20°0	14°2	13°6	20°9	9°2	26°2	31	6°8	19	81	49	75	78	10°5	11°3	12°0	11°3
February ... ... ...	15.4	11°0	19°1	13°6	13°2	20°4	9°1	30°0	1	4°8	29	77	51	72	74	10°1	11°2	11°2	10°8
March ... ... ...	13.5	12°8	23°0	16°5	15°4	24°0	9°4	32°0	27	2°8	1	73	40	66	70	10°7	11°1	12°3	11°4
April ... ... ...	10°8	19°8	30°5	22°9	22°0	31°4	14°6	42°8	24	9°6	10	62	33	53	58	13°9	13°7	14°4	14°0
May ... ... ...	10°3	23°8	33°8	26°5	25°6	34°8	18°3	42°8	19	13°8	12, 13	59	29	48	54	16°9	14°7	16°0	15°9
June ... ... ...	7°4	24°2	33°6	28°1	26°4	34°8	19°7	37°8	4, 11	16°0	1, 3	72	34	47	60	21°3	17°4	17°6	18°8
July ... ... ...	5°9	25°0	34°4	29°3	27°6	35°9	21°6	37°8	9, 31	20°0	8, 13	76	38	55	66	23°9	20°5	21°8	22°1
August ... ... ...	6°2	26°3	35°3	29°9	28°5	36°4	22°4	38°6	1	21°0	11	77	39	53	65	25°8	22°0	22°2	23°3
September ... ... ...	10°3	23°8	32°2	27°3	26°0	33°1	20°7	36°8	27	19°0	23	81	46	60	70	23°6	22°0	21°4	22°3
October ... ... ...	13°0	20°2	28°7	23°0	22°3	29°8	17°4	33°6	3	15°4	Several Dates	82	48	70	76	19°4	18°8	19°4	19°2
November ... ... ...	13°6	16°0	25°2	18°5	18°4	26°3	14°0	32°0	14	8°6	30	80	45	72	76	14°7	14°3	15°5	14°8
December ... ... ...	15°2	11°2	20°0	14°0	13°6	21°3	9°2	25°4	1, 14	5°4	22	72	45	68	70	9°5	10°4	10°7	10°3
YEAR ... ... ...	1011.5	18°8	28°0	22°0	21°0	29°1	15°5	—	—	—	—	74	41	62	68	16°7	15°6	16°2	16°3

**Summary of Meteorological Observations**

$\varphi = 30^\circ 2' \text{ N.}$

$\lambda = 31^\circ 13' \text{ E. of Greenwich.}$

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
	1928																		
January ... ... ...	1014.8	10°3	49°3	13°4	12°5	20°3	6°9	25°4	31	3°0	19, 22	84	48	74	79	10°4	10°7	11°1	10°7
February ... ... ...	15.2	10°6	38°6	12°5	12°2	10°8	7°1	27°9	1	2°0	29	78	44	69	74	10°0	9°5	10°0	9°8
March ... ... ...	13.6	13°2	22°7	16°3	14°8	23°9	6°9	32°9	27	0°7	1	74	33	59	66	11°1	8°7	10°8	10°2
April ... ... ...	10°7	19°9	30°6	23°5	21°4	31°8	11°6	43°9	24	6°9	2	62	23	43	52	13°9	9°3	11°9	11°7
May ... ... ...	9°9	23°5	33°7	27°4	25°1	34°9	15°8	44°0	19	11°3	18	59	23	38	48	16°5	11°3	13°3	13°7
June ... ... ...	7°1	23°9	33°5	28°1	25°8	34°9	17°8	39°3	11	13°4	1	70	26	39	54	20°3	13°5	14°5	16°1
July ... ... ...	5°9	24°8	34°5	29°0	27°0	36°1	19°8	38°3	9	17°5	8, 22	75	30	49	62	23°2	16°3	19°6	19°7
August ... ... ...	6°0	25°6	34°8	29°2	27°4	36°0	20°1	38°1	11, 19	18°0	8	79	34	52	66	25°7	18°8	20°7	21°7
September ... ... ...	10°3	23°8	31°6	26°1	25°0	32°6	18°7	35°5	11, 27	15°5	23	83	46	66	74	24°3	20°9	21°8	22°3
October ... ... ...	13°7	20°4	27°7	22°3	21°6	28°5	15°8	32°4	3	12°7	26	85	48	71	78	20°1	17°7	19°0	18°9
November ... ... ...	13°5	25°9	34°8	18°3	17°8	25°9	12°8	33°0	14	5°1	30	83	46	71	77	15°1	13°3	14°8	14°4
December ... ... ...	15°1	30°6	30°2	13°6	13°0	21°1	7°7	26°0	1, 14	2°2	22	75	41	67	71	9°3	9°5	10°1	9°6
YEAR ... ... ...	1011.2	18°5	27°7	21°6	20°3	28°8	13°4	—	—	—	—	76	37	58	67	16°7	13°3	14°8	14°9

## at CAIRO (Habakha) for the year 1928.

 $H = 20.5 \text{ m.}$   $C_b = + 2.4 \text{ m.b.}$ 

CLOUD AMOUNT (0-10)				RAINFALL (mm.)			DAYS WITH		WIND											EVAPORATION mm. per day.
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm. of rain	FORCE		DIRECTION									EVAPORATION mm. per day.
					Amount	Date			Mean of day	Scale 0-12	N	NE	E	SE	S	SW	W	NW	Calm	
																			Piche	
3.9	4.8	2.5	3.7	0.8	0.8	7	1	0	—	—	—	—	—	—	—	—	—	—	2.32	
4.0	6.1	2.8	4.3	3.4	1.2	23	5	2	—	—	—	—	—	—	—	—	—	—	2.82	
1.6	2.6	0.9	1.7	Drops	Drops	8, 19	0	0	—	—	—	—	—	—	—	—	—	—	3.60	
1.4	1.7	0.7	1.3	Drops	Drops	5, 6	0	0	—	—	—	—	—	—	—	—	—	—	3.40	
1.2	1.9	0.6	1.2	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	6.63	
2.9	0.0	0.0	1.0	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	6.10	
3.3	0.0	0.0	1.1	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	5.43	
1.6	0.1	0.0	0.6	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	5.60	
3.1	0.0	0.0	1.0	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	4.53	
2.1	1.4	0.5	1.3	Drops	Drops	7	0	0	—	—	—	—	—	—	—	—	—	—	3.62	
3.5	2.8	1.5	2.6	5.2	4.4	18	2	1	—	—	—	—	—	—	—	—	—	—	3.04	
3.4	4.4	2.7	3.5	0.8	0.8	8	1	0	—	—	—	—	—	—	—	—	—	—	2.75	
2.7	2.2	1.0	1.9	10.2	—	—	9	3	—	—	—	—	—	—	—	—	—	—	4.32	

## at GIZA for the year 1928.

 $H = 21.3 \text{ m.}$  $h_t = 1.9 \text{ m.}$  $C_b = + 2.5 \text{ m.b.}$ 

CLOUD AMOUNT (0-10)				RAINFALL (mm.)			DAYS WITH		WIND											EVAPORATION mm. per day
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm. of rain	Velocity.		DIRECTION									EVAPORATION mm. per day
					Amount	Date			Mean of day.	Kms. per hour.	N	NE	E	SE	S	SW	W	NW	Calm	
																			Piche	
5.3	5.8	2.7	4.6	1.6	1.6	7	1	1	—	21	6.5	0	0	22	4.5	9.5	9.5	20	2.66	
4.4	6.7	3.0	4.7	1.9	1.5	24	3	1	11.1	23	1.5	2	3	10	2.5	17.5	13.5	13	4.37	
3.4	3.2	0.6	2.4	Drops	Drops	8, 19	0	0	10.3	41	6.5	1	2	2	2.5	3.5	15.5	19	6.57	
3.1	3.0	1.0	2.4	Drops	Drops	5, 6	0	0	9.3	39.5	7	1	1.5	2.5	1	3	14.5	20	11.13	
3.4	3.0	0.8	2.4	0.0	0.0	—	0	0	11.7	44.5	10	0	2	1	0	1	16.5	18	13.23	
3.6	0.1	0.0	1.2	0.0	0.0	—	0	0	11.3	50.5	9.5	0	0	0	0	0.5	20.5	9	11.67	
3.8	0.2	0.0	1.3	0.0	0.0	—	0	0	9.7	39	1	0	0	0	1	0	45	7	9.99	
2.2	0.5	0.0	0.9	0.0	0.0	—	0	0	8.4	48	5	0	0	0	0	0	29	11	9.24	
3.8	0.4	0.0	1.4	0.0	0.0	—	0	0	8.2	59	3.5	0	0	0	0	0	12.5	15	6.77	
3.4	3.1	0.7	2.4	0.0	0.0	—	0	0	8.0	63.5	4	0.5	1.5	0	0	0	15.5	8	5.56	
3.8	3.8	1.2	2.9	12.7	11.9	18	3	1	6.0	26.5	4	0	10.5	10	4	1.5	12.5	21	4.10	
5.8	5.7	2.5	4.5	Drops	Drops	7, 8	0	0	8.7	14.5	3	0.5	20.5	10	6	6	9.5	23	4.58	
3.8	3.0	1.0	2.6	16.2	—	—	7	3	—	470	61.5	5	41	57.5	21.5	48.5	214	184	7.49	

**Summary of Meteorological Observations** $\varphi = 15^\circ 37' \text{ N.}$        $\lambda = 32^\circ 33' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>1928</b>																			
January ... ... ...	966.2	21.5	33.1	27.2	25.1	33.8	18.6	37.2	14,30	11.5	10	37	20	26	32	9.9	10.4	9.6	10.0
February ... ... ...	67.4	19.5	32.0	26.1	23.6	32.5	17.0	39.5	6	10.9	26	25	13	16	20	5.9	6.3	5.6	5.9
March ... ... ...	64.0	25.7	37.7	30.8	28.9	38.4	21.3	44.2	29	12.2	1	20	10	16	18	6.9	6.4	6.9	6.7
April ... ... ...	63.1	30.0	39.5	32.7	31.8	40.5	24.9	44.4	17	18.0	10	20	11	18	18	8.9	8.1	8.4	8.5
May ... ... ...	64.0	32.4	41.1	33.3	33.4	42.4	26.6	45.0	26	22.9	8	36	17	30	33	17.2	13.5	14.5	15.1
June ... ... ...	63.1	33.2	41.0	34.9	34.1	41.9	27.3	44.1	6	23.4	10	32	12	19	25	15.9	8.9	10.8	11.0
July ... ... ...	64.7	30.8	38.7	33.6	32.4	40.2	26.5	43.2	2	23.0	29	46	22	32	39	19.5	14.7	15.6	16.6
August ... ... ...	65.8	28.1	36.2	31.2	30.1	37.1	25.0	40.6	27	21.1	6	61	32	47	54	22.7	18.7	20.3	20.6
September ... ... ...	63.9	30.6	39.9	33.4	32.7	40.7	26.8	43.6	17	25.6	23,30	46	19	33	40	19.9	14.0	16.4	16.8
October ... ... ...	64.4	29.9	38.0	32.7	31.7	39.6	25.2	43.0	4	22.7	21	26	12	18	22	10.9	8.3	9.1	9.4
November ... ... ...	66.4	24.4	34.1	28.0	26.6	34.6	19.8	38.6	9	16.0	21	25	15	21	23	7.7	7.9	7.9	7.8
December ... ... ...	67.0	21.1	32.6	25.6	24.2	32.9	17.4	37.9	29	9.4	10	37	17	25	32	9.3	8.5	8.4	8.7
YEAR ... ... ...	965.0	27.3	37.1	30.8	29.6	37.9	23.0	—	—	—	—	34	17	25	30	12.9	10.5	11.1	11.5

at KHARTOUM (Gordon College) for the year 1928.

 $H = 390$  m.  $h_t = 1.8$  m.  $C_b = +43.0$  m.b.

CLOUD AMOUNT (0-10)				RAINFALL (mm.)		DAYS WITH		WIND										EVAPORATION mm. per day		
8 h.	14 h.	20 h.	Mean	Total	Maximum 1 day	$\geq 0.1$	$\geq 1.0$	VELOCITY ( $\pm 1$ of day) Kms. per hour.	DIRECTION										Piche	
				mm.	Amount	Date	mm.		N	NE	E	SE	S	SW	W	NW	Calm			
0.8	1.0	0.1	0.6	0.0	0.0	—	0	5.3	49	28	1.5	0	0	0	0.5	1	13	14.82		
0.8	1.2	0.2	0.7	0.0	0.0	—	0		30.5	40	3	0	0	0	0	1.5	12	19.61		
1.6	2.5	1.8	2.0	16.0	16.0	16	1	1	3.8	2	44	18.5	1.5	1	1	0	0	25	19.98	
1.9	1.9	1.7	1.8	Drops	Drops	Several Dates	0	0	3.5	8	16.5	8	6	3.5	4	4	3	37	21.12	
1.9	2.0	2.5	2.1	5.1	5.1	18	1	1	6.0	5.5	11.5	10	9	15.5	18	9	3.5	11	18.80	
1.4	2.1	1.2	1.6	1.8	1.8	6	1	1	5.2	7.5	0	1	5	21.5	18	18	10	9	20.92	
3.2	4.0	3.5	3.6	42.0	38.0	28	2	2	3.6	4	0	0	2	43	21	5	3	15	17.11	
5.3	4.0	2.5	3.9	52.6	15.5	14	6	6	5.3	0.5	0	0.5	2	17.5	38	12	1.5	21	12.66	
2.5	2.9	3.6	3.0	3.3	1.8	19	2	2	4.8	0.5	6	3.5	5.5	15	26	8.5	0	25	15.76	
1.1	1.9	0.9	1.3	Drops	Drops	2,14	0	0	3.1	25.5	17.5	7	3	4.5	4	2.5	9	20	19.26	
0.2	0.6	0.1	0.3	Drops	Drops	12	0	0	3.5	41.5	11	0	0	0	0.5	3	10	24	17.26	
0.2	0.4	0.1	0.2	0.0	0.0	—	0	0	4.2	43	25.5	0.5	0	0	0	0	5	20	14.47	
1.7	2.0	1.5	1.8	120.8	—	—	13	13	4.4	216.5	200	53.5	34	121.5	130.5	62.5	47.5	232	17.65	

**SHORT MONTHLY SUMMARIES**  
**1928.**

## CANDIA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Pches.
<b>1928</b>											
January	1015.0	13.7	17.2	10.2	74	10.8	7.5	117.9	17	1.7	—
February	15.5	11.0	14.2	7.7	70	8.5	7.0	52.1	11	2.1	—
March	13.8	12.8	16.8	8.9	71	10.0	7.3	37.0	6	1.7	—
April	10.0	19.3	24.8	13.8	61	13.3	4.1	11.6	2	1.9	—
May	9.6	21.5	26.7	16.3	58	15.1	4.5	11.3	1	2.3	—
June	10.8	23.6	28.4	18.8	60	18.5	0.7	0.0	0	2.1	—
July	9.4	25.0	29.3	20.7	60	19.9	0.5	0.0	0	2.9	—
August	9.1	26.1	31.2	21.0	58	21.2	0.3	0.0	0	1.7	—
September	12.0	24.2	29.0	19.5	64	20.5	2.0	0.0	0	2.1	—
October	15.4	21.6	26.9	16.2	68	17.1	4.2	16.2	2	2.4	—
November	10.8	18.5	23.8	13.2	73	16.1	6.6	60.0	9	2.8	—
December	12.7	13.0	17.6	8.3	81	12.0	7.5	268.2	18	2.5	—
YEAR	1012.0	19.2	23.8	14.6	66	15.2	4.4	574.3	66	2.2	—

Absolute Max. 36.9 °C.

Absolute Min. 0.1 °C

Max. Rain in 1 day 132.5 mms

## NICOSIA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Pches.
<b>1928</b>											
January	999.1	10.4	14.8	5.9	80	9.9	5.3	84.8	13	1.0	—
February	94.6	9.5	13.3	5.7	81	9.3	6.1	101.9	12	1.1	—
March	97.2	10.6	16.5	4.7	71	10.0	3.7	15.5	3	1.1	—
April	93.8	18.9	26.7	11.1	60	14.5	2.6	8.9	1	1.1	—
May	92.7	22.4	30.3	14.6	56	16.3	3.2	Drops	0	1.1	—
June	89.6	26.8	34.7	18.9	49	18.7	0.0	0.0	0	1.2	—
July	87.5	29.8	37.8	21.8	52	23.1	0.0	4.3	1	1.1	—
August	88.7	29.7	37.6	21.8	55	23.4	0.0	0.0	0	1.2	—
September	92.6	26.6	34.0	19.2	65	23.1	0.6	8.4	2	0.9	—
October	96.2	20.8	28.2	13.4	65	15.9	0.6	11.4	2	0.8	—
November	96.6	17.0	22.5	11.6	70	15.2	4.6	63.8	10	0.7	—
December	96.6	12.0	16.6	7.3	82	10.9	4.3	37.3	8	0.6	—
YEAR	693.8	19.5	26.1	13.0	66	15.9	2.6	32.3	51	1.0	—

Absolute Max. 40.6 °C.

Absolute Min. -1.1 °C.

Max. Rain in 1 day 23.4 mms.

LIMASSOL.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Pches.
	(m.b.)										
<b>1928</b>											
January	1015.5	12.5	17.4	7.6	73	11.3	5.3	56.9	8	1.5	—
February	11.8	11.2	15.8	6.7	72	10.4	6.3	140.2	15	1.7	—
March	14.2	11.6	17.7	5.5	64	10.0	3.8	24.9	3	1.8	—
April	11.0	17.5	24.9	10.1	61	15.8	2.1	13.5	3	1.3	—
May	9.9	20.8	27.9	13.8	63	18.4	3.0	4.1	1	1.7	—
June	6.0	24.2	32.2	16.2	56	21.1	0.2	0.0	0	1.7	—
July	4.7	26.8	34.7	18.9	65	27.5	0.0	0.0	0	1.6	—
August	5.8	27.0	34.6	19.3	59	26.7	0.1	0.0	0	1.3	—
September	9.2	25.4	32.4	18.5	70	27.9	0.8	Drops	0	1.2	—
October	13.0	21.8	28.4	15.1	69	19.6	1.3	39.6	2	0.6	—
November	12.8	18.6	23.8	13.5	70	17.6	4.9	116.6	9	1.5	—
December	13.2	13.8	18.4	9.1	80	13.3	6.2	124.5	14	1.5	—
YEAR	1010.6	19.3	25.7	12.9	67	18.4	2.8	520.3	55	1.4	—

Absolute Max. 37.8 °C.    Absolute Min. — 1.1 °C.    Max. Rain in 1 day 27.4 mms.

ACRE.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 min. or over.	Mean.	Pches.
	(m.b.)										
<b>1928</b>											
January	—	13.1	18.6	8.8	68	10.3	3.8	109.9	10	3.0	7.09
February	—	12.7	17.5	9.2	76	11.1	5.2	323.2	18	3.3	5.67
March	—	13.8	19.7	8.3	67	11.1	1.9	17.0	4	2.5	6.94
April	—	15.2	25.7	12.1	60	14.3	1.3	0.0	0	2.2	9.07
May	—	22.3	28.9	15.5	55	16.3	2.0	Drops	0	2.2	8.29
June	—	23.6	28.0	17.4	72	22.4	0.6	0.0	0	2.2	6.42
July	—	26.3	30.5	21.4	79	28.4	1.4	0.0	0	1.9	6.23
August	—	27.2	31.7	22.1	77	29.7	1.1	0.0	0	1.8	7.31
September	—	26.4	30.9	21.3	70	25.6	1.4	0.0	0	1.7	7.71
October	—	22.8	28.9	17.1	64	19.6	1.3	0.2	0	2.5	7.81
November	—	19.1	26.3	14.4	64	14.3	2.4	113.1	8	2.5	7.22
December	—	14.9	20.3	11.0	68	11.2	4.9	175.7	10	2.7	6.45
YEAR	—	20.1	25.6	14.9	68	17.9	2.3	738.6	50	2.4	7.18

Absolute Max. 42.6 °C.    Absolute Min. 1.2 °C.    Max. Rain in 1 day 66.0 mms.

## HAIFA.

YEAR	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Pleche.
	(m.b.)										
<b>1928</b>											
January	1016.2	14.6	19.1	10.0	—	—	5.5	119.2	9	1.5	5.65
February	13.4	13.8	17.9	9.7	—	—	5.6	283.0	16	1.7	6.37
March	14.2	14.0	20.6	7.3	—	—	2.8	18.7	3	1.9	7.20
April	11.0	20.8	26.4	15.2	—	—	2.1	0.0	0	2.6	6.86
May	10.2	23.9	29.3	18.5	—	—	2.3	0.0	0	2.4	8.28
June	6.4	25.0	29.9	20.2	—	—	1.5	0.0	0	2.3	6.45
July	4.4	27.4	32.0	22.8	—	—	2.0	0.0	0	2.7	6.26
August	5.0	28.5	33.6	23.4	—	—	1.9	0.0	0	2.3	5.54
September	8.8	28.4	33.8	23.0	—	—	2.3	0.0	0	2.3	6.20
October	11.8	24.8	30.3	19.3	—	—	2.2	0.0	0	2.2	6.19
November	12.6	20.9	27.1	14.7	—	—	3.3	94.5	7	2.4	5.56
December	—	16.4	21.0	11.7	—	—	5.9	178.7	12	2.5	4.61
YEAR	—	21.5	26.8	16.3	—	—	3.1	694.1	47	2.2	6.26

Absolute Max. 42.5 °C.

Absolute Min. 2.0 °C.

Max. Rain in 1 day 63.5 mms.

## JENIN.

YEAR	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Pleche.
	(m.b.)									(0-12)	
<b>1928</b>											
January	—	11.6	17.7	8.2	—	—	2.6	85.4	6	2.7	3.96
February	—	11.9	17.8	8.6	—	—	6.1	205.6	19	3.9	3.20
March	—	13.1	20.9	8.1	—	—	1.7	9.6	2	3.0	4.89
April	—	20.1	29.3	14.1	—	—	0.8	0.0	0	2.9	8.52
May	—	24.7	32.1	18.2	—	—	0.6	0.0	0	2.8	10.98
June	—	25.1	31.5	19.0	—	—	0.1	0.0	0	2.9	9.80
July	—	26.8	32.5	21.6	—	—	0.0	0.0	0	3.1	9.89
August	—	27.5	33.7	22.3	—	—	0.3	0.0	0	2.9	10.03
September	—	26.4	32.3	21.4	—	—	0.7	0.0	0	2.7	8.36
October	—	22.3	28.2	17.6	—	—	0.5	0.0	0	2.6	7.98
November	—	17.8	23.4	14.3	—	—	2.3	74.1	7	2.8	5.74
December	—	12.9	18.4	9.7	—	—	4.3	137.5	9	3.0	3.35
YEAR	—	20.0	26.5	15.3	—	—	1.7	512.2	43	2.9	7.22

Absolute Max. 42.8 °C.

Absolute Min. 0.1 °C.

Max. Rain in 1 day 89.7 mms.

JERICHO.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1928</b>											
January ...	—	14·8	20·9	10·5	69	11·3	3·1	21·3	6	1·7	5·15
February	—	14·8	20·2	11·3	70	11·3	4·7	41·3	10	2·0	5·52
March	—	16·6	24·3	10·6	53	9·7	1·7	2·0	1	1·5	7·56
April	—	24·2	33·3	16·6	38	10·9	0·8	Drops.	0	1·6	13·41
May...	—	28·0	36·0	20·5	34	13·1	0·8	0·0	0	1·7	16·24
June	—	29·4	38·4	22·1	40	15·9	0·0	0·0	0	1·7	15·62
July...	—	31·7	40·1	24·7	40	18·7	0·0	0·0	0	1·3	16·15
August ...	—	32·0	40·2	25·2	42	18·5	0·0	0·0	0	1·3	15·29
September	—	30·0	37·3	23·9	58	24·0	0·4	0·0	0	1·1	11·72
October ...	—	25·8	33·8	19·8	48	15·2	0·8	0·0	0	1·2	10·92
November	—	21·1	28·1	16·0	62	15·5	1·9	3·0	2	1·4	8·63
December	—	15·6	21·4	11·7	68	11·5	3·7	30·8	3	1·2	5·49
YEAR ... .	—	23·7	31·2	17·7	52	14·6	1·5	93·4	22	1·5	10·98

Absolute Max. 47·0 °C.      Absolute Min. 1·5 °C.      Max. Rain in 1 day 14·3 mms.

JERUSALEM.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h.	
	(m.b.)									(0-12)	Picke.
<b>1928</b>											
January ...	929·5	9·8	13·9	5·6	78	8·8	3·6	73·4	6	0·5	2·82
February	26·7	8·5	12·1	4·9	78	8·3	6·2	238·1	17	1·7	2·55
March	27·8	11·2	16·5	5·9	67	8·4	2·0	8·1	3	0·6	4·48
April	28·2	19·2	25·6	12·8	46	10·0	2·0	Drops.	0	0·8	9·73
May	24·7	22·4	29·2	15·6	43	11·2	2·2	1·0	1	0·7	8·71
June	26·2	22·8	29·9	15·8	41	11·9	0·0	0·0	0	1·1	8·91
July...	25·2	25·0	31·8	18·1	47	14·0	0·0	0·0	0	0·6	7·83
August ...	26·0	25·8	32·5	19·0	45	14·1	0·0	0·0	0	0·7	7·85
September	28·4	23·4	29·8	17·0	66	16·8	0·5	0·0	0	0·5	4·79
October ...	30·4	20·3	26·5	14·1	60	12·5	0·9	Drops.	0	0·9	5·00
November	31·1	16·1	21·1	11·1	68	10·9	2·2	58·1	5	1·0	3·56
December	30·0	11·2	15·4	7·1	75	8·8	5·2	104·3	6	1·5	2·33
YEAR ... .	928·2	18·0	23·7	13·2	60	11·3	2·1	483·0	38	0·9	5·71

Absolute Max. 39·1 °C.

Absolute Min. —0·8 °C.

Max. Rain in 1 day 57·2 mms.

## GAZA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h.	
	(m.b.)									(0-12)	Plebe.
<b>1928</b>											
January ...	1013.5	14.4	20.4	8.3	73	10.5	3.3	18.1	2	0.6	3.33
February	11.8	12.8	17.9	7.6	73	10.5	5.8	169.4	13	0.9	3.38
March	11.9	13.8	20.2	7.5	66	11.2	2.7	5.5	2	0.5	4.08
April	9.0	19.5	27.0	12.0	55	14.1	2.1	0.0	0	0.5	6.09
May	8.2	22.4	29.1	15.7	58	18.4	1.2	Drops.	0	0.6	7.32
June	5.4	22.4	28.1	16.8	69	22.7	1.0	0.0	0	0.4	—
July	3.1	24.7	29.7	19.7	70	26.0	2.5	0.0	0	0.6	4.1
August	3.6	25.6	31.1	20.1	72	27.4	1.5	0.0	0	0.5	5.48
September	7.6	24.6	30.1	19.1	69	24.5	1.4	0.0	0	0.3	4.70
October	10.3	21.9	27.8	16.1	65	18.8	1.0	3.1	1	0.5	4.62
November	11.5	19.5	25.6	13.4	59	12.3	2.5	27.8	7	0.7	5.03
December	12.4	15.3	20.8	9.8	63	9.6	3.8	56.1	4	0.9	4.33
YEAR ...	1009.0	19.7	25.6	13.8	66	17.2	2.4	280.0	29	0.6	—

Absolute Max. 43.1 °C..

Absolute Min. 2.6 °C..

Max. Rain in 1 day 39.0 mms.

## BEERSHEBA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h.	
	(m.b.)									(0-12)	Plebe.
<b>1928</b>											
January ...	—	—	—	7.3	—	—	3.2	24.8	4	3.7	4.63
February	—	—	—	6.9	—	—	5.3	90.3	11	4.2	4.61
March	—	—	—	6.2	—	—	2.7	1.8	1	2.8	5.81
April	—	—	—	11.0	—	—	2.0	0.0	0	2.5	10.91
May	—	—	—	13.6	—	—	1.8	0.0	0	2.2	12.85
June	—	—	—	15.3	—	—	0.8	0.0	0	1.1	10.03
July	—	—	—	19.2	—	—	0.7	0.0	0	1.1	11.15
August	—	—	—	18.7	53	17.4	1.4	0.0	0	1.4	11.34
September	—	—	—	16.8	63	18.8	1.2	0.0	0	1.0	7.87
October	—	—	—	13.6	77	18.1	1.6	0.0	0	2.1	7.04
November	—	—	—	10.6	81	15.2	1.9	2.0	1	3.6	7.43
December	—	—	—	6.5	79	9.9	3.4	63.0	3	3.5	4.64
YEAR ...	—	—	—	12.1	—	—	2.2	181.9	20	2.4	8.19

Absolute Max. .... °C.

Absolute Min. 2.0 °C.

Max. Rain in 1 day 37.0 mms.

## SALUM (Town).

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picke.
<b>1928</b>											
January ...	1017.8	14.2	18.1	10.3	78	10.8	5.1	13.0	3	2.0	—
February ...	18.2	12.7	16.6	8.8	80	10.5	4.4	77.0	8	2.6	—
March ...	15.6	16.0	20.9	11.0	76	12.3	3.7	15.0	2	2.1	—
April ...	13.0	22.3	29.0	15.6	58	13.9	3.6	0.0	0	1.9	—
May ...	12.8	23.6	29.4	17.8	56	15.8	3.5	Drops	0	1.5	—
June ...	11.9	24.4	29.6	19.1	61	18.7	0.3	0.0	0	1.5	—
July ...	10.0	26.2	31.5	20.9	60	20.3	0.0	0.0	0	2.5	—
August ...	10.0	27.0	32.2	21.8	73	25.2	2.5	0.0	0	1.9	—
September ...	13.9	26.2	31.2	21.1	76	24.3	1.8	0.0	0	1.8	—
October ...	17.0	23.0	27.5	18.6	75	20.1	2.8	3.0	1	1.8	—
November ...	15.1	21.0	26.2	15.8	62	13.3	3.6	Drops	0	2.8	—
December ...	16.4	14.8	19.4	10.1	81	11.6	5.2	31.0	3	2.9	—
YEAR ...	1014.3	21.0	26.0	15.9	70	16.4	3.0	130.0	17	2.1	—

Absolute Max. 42.9 °C.

Absolute Min. 4.1 °C.

Max. Rain in 1 day 26.0 mms.

## MERSA MATRUH.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 min. or over.	Mean (0-12)	Picke.
	(m.b.)										
<b>1928</b>											
January ...	1017.3	13.9	18.8	10.4	88	14.7	6.0	1.2	1	1.5	7.34
February ...	17.4	12.4	16.6	9.3	84	12.3	6.7	40.1	8	2.0	7.71
March ...	15.6	14.4	18.9	11.0	80	13.7	3.4	17.7	3	1.6	8.72
April ...	12.8	19.3	26.6	14.7	71	15.9	2.6	3.5	2	1.8	10.30
May ...	12.6	21.3	26.9	17.4	74	19.5	2.9	0.0	0	1.1	9.66
June ...	11.2	22.5	25.8	18.8	80	22.5	0.8	0.0	0	2.0	8.21
July ...	9.4	24.2	28.1	20.3	86	27.2	0.9	0.0	0	1.0	7.35
August ...	9.4	25.6	29.6	21.6	86	29.8	0.3	0.0	0	1.2	7.89
September ...	13.2	25.6	30.2	21.8	87	30.7	0.1	0.0	0	1.7	10.72
October ...	15.9	23.1	28.1	19.6	82	24.1	2.0	1.2	1	1.3	10.00
November ...	14.4	20.2	25.2	16.8	70	16.9	3.8	32.7	2	1.7	7.38
December ...	15.8	14.4	19.2	10.2	—	—	4.2	33.6	4	2.4	5.43
YEAR ...	1013.8	19.7	24.5	16.0	—	—	2.8	130.0	21	1.6	8.39

Absolute Max. 42.2 °C.

Absolute Min. 5.0 °C.

Max. Rain in 1 day 18.2 mms.

## PORT SAID.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	1017.8	15.6	20.2	12.6	76	12.9	3.4	14.4	3	3.1	3.04
February	16.7	14.0	18.4	11.4	74	11.3	4.2	23.3	5	3.8	3.39
March	16.3	15.8	20.3	12.9	71	12.7	2.6	5.2	1	3.0	4.81
April	13.6	20.5	25.8	16.8	70	16.5	2.0	0.3	0	3.1	5.68
May	13.2	23.5	28.4	—	67	19.1	2.4	Drops	0	3.1	6.04
June	10.2	25.4	30.2	21.8	74	23.6	0.6	0.0	0	2.6	5.08
July	8.4	26.9	31.9	23.4	78	27.1	1.1	0.0	0	2.6	4.23
August	8.8	27.9	32.8	24.3	76	27.9	0.7	0.0	0	2.5	4.72
September	12.6	26.9	31.8	23.3	72	25.4	0.8	0.0	0	2.4	4.62
October	15.1	24.2	28.6	21.6	68	19.9	1.6	0.5	0	2.7	5.84
November	15.6	20.4	25.4	17.1	74	17.2	2.8	Drops	0	2.9	4.05
December	16.6	15.0	20.4	11.6	74	12.4	3.7	18.0	2	3.1	2.95
YEAR	1013.7	21.3	26.2	—	73	18.8	2.2	61.7	11	3.0	4.54

Absolute Max. 38.8 °C.

Absolute Min. 6.9 °C.

Max. Rain in 1 day 9.6 mms.

## SAKHA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	—	12.0	20.2	7.1	86	10.7	3.0	7.8	3	1.6	1.97
February	—	11.5	18.4	6.7	86	10.7	4.3	20.6	8	2.0	2.37
March	—	13.5	21.9	7.0	78	11.2	1.4	0.0	0	1.8	3.19
April	—	20.1	30.5	11.3	64	14.5	1.2	5.1	1	1.8	4.98
May	—	24.5	34.6	14.8	60	19.1	0.5	0.0	0	1.5	7.03
June	—	25.5	34.0	16.4	66	23.0	0.4	0.0	0	1.2	6.74
July	—	26.2	33.9	17.9	70	25.1	0.8	0.0	0	1.1	6.04
August	—	27.3	36.3	19.5	74	26.2	0.4	0.0	0	1.0	5.37
September	—	25.7	33.4	18.4	76	25.2	0.2	0.0	0	1.0	4.12
October	—	21.3	29.1	14.8	84	20.4	0.6	0.5	0	0.7	3.05
November	—	17.7	26.1	12.2	86	16.3	2.4	13.1	4	0.8	2.73
December	—	12.2	20.4	7.0	84	11.3	3.4	14.0	3	1.1	2.31
YEAR	—	19.8	28.2	12.8	76	17.8	1.6	61.1	19	1.3	4.21

Absolute Max. 48.0 °C.

Absolute Min. 2.5 °C.

Max. Rain in 1 day 6.5 mms.

## MANSURA

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Piche.
<b>1928</b>											
January	—	15.1	21.7	8.5	83	11.1	3.9	10.8	4	1.1	3.34
February	—	13.8	19.6	8.1	84	11.2	3.6	17.0	5	1.0	3.56
March	—	15.4	22.5	8.3	76	12.4	2.1	Drops	0	1.1	4.65
April	—	21.6	30.3	12.9	69	16.8	1.3	0.0	0	1.1	6.90
May	—	25.2	33.4	16.9	63	19.4	1.1	0.0	0	1.1	8.44
June	—	26.4	34.3	18.6	69	22.2	0.3	0.0	0	1.0	8.10
July	—	27.9	35.5	20.3	78	26.0	1.5	0.0	0	1.0	7.44
August	—	28.4	36.2	20.5	79	27.4	1.0	0.0	0	1.0	6.68
September	—	26.9	34.1	19.7	77	25.3	0.8	0.0	0	1.0	5.60
October	—	23.8	30.2	17.4	75	20.9	0.9	Drops	0	1.0	4.79
November	—	20.4	27.4	13.4	81	16.5	1.8	1.5	1	1.0	3.97
December	—	14.6	21.3	7.9	77	10.4	2.5	7.5	2	1.2	9.32
YEAR	—	21.6	28.9	14.4	76	18.3	1.7	36.8	12	1.0	5.56

Absolute Max. 42.8 °C.

Absolute Min. 2.9 °C.

Max. Rain in 1 day 6.0 mms.

## TANTA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 min. or over.	Mean. (0-12)	Piche.
<b>1928</b>											
January	1017.1	13.1	21.0	8.9	84	11.6	3.9	2.9	2	1.0	2.36
February	16.6	12.0	19.6	7.9	79	10.4	4.5	11.8	5	1.9	2.74
March	15.2	14.6	23.5	8.4	72	10.9	2.6	Drops	0	2.5	4.16
April	21.4	21.2	31.5	13.6	59	13.1	2.1	0.0	0	2.2	7.15
May	24.6	34.6	17.1	54	14.4	2.3	0.0	0.0	0	2.8	8.32
June	25.6	35.0	18.1	61	18.0	0.3	0.0	0.0	0	2.5	7.62
July	26.6	35.8	19.8	71	22.0	1.2	0.0	0.0	0	2.1	6.39
August	27.3	36.9	20.5	70	22.1	0.7	0.0	0.0	0	1.9	6.48
September	25.5	34.6	19.3	75	21.6	1.1	0.0	0.0	0	1.5	5.32
October	22.0	30.5	16.2	76	18.5	2.2	Drops	0	1.6	4.32	
November	18.6	27.2	13.3	77	14.7	3.1	3.0	1	1.3	3.57	
December	13.3	21.3	8.8	74	10.3	4.3	3.5	1	1.4	5.06	
YEAR	1013.0	20.4	29.3	14.3	71	15.6	2.4	21.2	9	1.9	5.12

Absolute Max. 48.5 °C.

Absolute Min. 2.0 °C.

Max. Rain in 1 day 8.5 mms.

## ZAGAZIG.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	A.V. EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1928</b>											
January	—	13·4	21·6	7·6	86	12·8	4·3	10·5	3	4·1	1·66
February	—	12·9	19·8	8·1	80	12·1	5·5	8·5	5	4·8	1·88
March	—	15·0	24·1	7·5	81	12·5	2·0	0·0	0	3·1	3·99
April	—	21·2	32·0	12·3	70	18·3	1·0	0·0	0	2·4	5·50
May	—	25·1	35·0	16·5	60	17·7	1·5	0·0	0	3·2	6·06
June	—	26·3	35·4	17·7	65	20·9	0·2	0·0	0	2·9	5·49
July	—	27·3	36·3	19·8	72	24·4	0·7	0·0	0	2·9	4·85
August	—	27·8	37·2	20·1	74	25·2	0·6	0·0	0	2·9	4·42
September	—	25·9	35·0	19·3	80	24·9	1·0	0·0	0	2·8	3·34
October	—	22·8	31·7	16·3	84	21·6	0·9	0·0	0	2·6	2·77
November	—	18·7	27·2	12·5	78	16·0	1·8	0·0	0	3·1	2·50
December	—	13·3	21·2	7·8	78	11·6	1·7	Drops	0	3·4	2·37
YEAR	—	20·8	29·7	13·8	76	18·0	1·8	19·0	8	3·2	3·66

Absolute Max. 43·8 °C.

Absolute Min. 2·3 °C.

Max. Rain in 1 day 6·5 mms.

## BENHA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	A.V. EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h.	
	(m.b.)									(0-12)	Picke.
<b>1928</b>											
January	—	—	—	—	—	—	—	—	—	—	—
February	—	13·6	19·7	7·4	80	10·4	4·6	—	—	1·1	3·55
March	—	15·3	22·3	8·0	75	11·3	1·6	0·5	0	0·9	4·35
April	—	21·4	30·5	12·2	63	14·5	2·1	0·0	0	0·6	6·92
May	—	25·2	34·5	15·9	67	19·5	1·9	0·0	0	0·7	8·49
June	—	25·9	34·5	17·3	72	21·1	0·9	0·0	0	0·7	7·90
July	—	27·1	34·0	19·6	77	23·6	2·9	0·0	0	0·7	7·29
August	—	27·8	35·0	20·5	79	26·5	1·9	0·0	0	1·1	6·26
September	—	25·6	31·9	19·4	82	24·5	2·5	0·0	0	0·5	3·92
October	—	22·9	29·2	16·6	80	20·3	2·6	0·0	0	0·9	3·35
November	—	19·9	26·4	13·4	81	15·9	3·8	Drops.	0	0·6	3·52
December	—	14·9	21·2	8·6	78	10·7	4·8	0·0	0	1·1	3·15
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 42·9 °C.

Absolute Min. 1·5 °C.

Max. Rain in 1 day 0·5 mm.

## KHANKA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picba.
	(m.b.)										
<b>1928</b>											
January	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	17.2	77	22.7	2.4	0.0	0	2.0
July	—	—	—	—	19.4	83	26.1	4.8	0.0	0	1.7
August	—	—	—	—	20.2	79	26.5	2.7	0.0	0	1.9
September	—	—	—	—	18.5	81	24.5	3.6	0.0	0	1.7
October	—	—	—	—	15.7	86	20.8	2.7	0.0	0	1.9
November	—	—	—	—	12.2	84	15.4	5.1	1.5	1	1.8
December	—	—	—	—	7.4	79	9.9	4.5	1.5	1	2.2
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ..... °C.      Absolute Min. ..... °C.      Max. Rain in day ..... mms.

## DELTA BARRAGE

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picba.
	(m.b.)										
<b>1928</b>											
January	—	13.8	20.5	7.1	89	11.3	4.7	—	—	—	2.7
February	—	—	—	—	—	—	—	—	—	—	—
March	—	15.0	22.9	7.2	79	12.1	1.6	—	—	—	4.66
April	—	21.1	30.7	11.5	66	15.5	1.6	—	—	—	7.4
May	—	24.6	33.7	15.5	61	18.0	2.1	—	—	—	9.24
June	—	25.4	34.0	16.9	72	22.0	0.5	—	—	—	8.96
July	—	27.4	35.7	19.2	75	24.5	3.0	—	—	—	8.43
August	—	28.2	36.0	20.3	79	27.2	1.7	—	—	—	7.14
September	—	25.6	32.6	18.7	81	25.1	2.6	—	—	—	4.91
October	—	22.4	28.9	16.0	82	20.7	2.8	—	—	—	4.14
November	—	19.2	26.1	12.3	84	16.1	3.2	—	—	—	3.68
December	—	14.6	21.1	8.2	77	10.4	4.2	—	—	—	3.80
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 42.2 °C.

Absolute Min. 1.4 °C.

Max. Rain in 1 day.....mms.

## HELIOPOLIS.

YEAR.	PRESSURE. 8 h. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL.		WIND FORCE. 8 h. (0-13)	EVAPORATION mm. per day. Pisba.
		Mean.	Mean Maximum.	Mean Minimum.				8 h. (mm.)	Total (mm.)	Days with 1 min. or over.	
<b>1928</b>											
January	—	15.2	21.4	9.1	76	10.3	4.0	1.5	1	0.7	2.78
February	—	14.8	20.6	9.0	74	9.9	4.0	2.6	1	1.2	3.27
March	—	17.2	24.4	9.9	64	10.5	1.3	0.0	0	0.6	4.38
April	—	23.5	32.0	15.0	54	13.6	1.2	0.0	0	0.8	7.19
May	—	—	—	18.7	47	15.0	1.3	0.0	0	1.2	8.76
June	—	—	—	19.6	69	21.1	1.4	0.0	0	0.8	7.65
July	—	—	—	21.7	72	23.9	2.8	0.0	0	0.9	6.58
August	—	—	—	22.4	70	25.2	1.8	0.0	0	0.9	7.34
September	—	—	—	20.5	74	23.5	2.4	0.0	0	0.9	5.17
October	—	23.8	30.2	17.4	78	19.5	2.9	0.0	0	0.7	3.83
November	—	20.4	27.0	13.9	74	14.1	4.3	4.5	1	0.6	3.66
December	—	15.5	21.6	9.4	67	9.6	2.9	0.0	0	0.7	3.34
YEAR	—	—	—	15.6	68	16.4	2.5	8.6	3	0.8	5.33

Absolute Max. ..... °C.

Absolute Min. 3.0 °C.

Max. Rain in 1 day 4.5 mmns.

## SUEZ.

YEAR.	PRESSURE. Mean. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE Mean (m.b.)	CLOUD AMOUNT. Mean (0-10).	RAINFALL.		WIND FORCE. Mean. (0-13)	EVAPORATION mm. per day. Pisba.
		Mean.	Mean Maximum.	Mean Minimum.				Mean (0-10).	Total (mm.)	Days with 1 min. or over.	
<b>1928</b>											
January	1017.6	15.5	20.8	11.4	68	11.6	4.7	Drops	0	1.9	5.70
February	17.4	14.9	19.9	10.9	63	10.5	5.7	0.1	0	2.2	6.42
March	15.5	16.3	23.0	11.3	64	10.8	1.9	Drops	0	2.0	7.64
April	12.4	22.3	30.4	16.3	55	13.7	1.6	0.0	0	2.3	12.35
May	11.1	25.5	33.7	19.6	56	16.9	2.6	0.0	0	2.3	14.06
June	7.9	26.4	34.3	20.6	64	20.0	0.1	0.0	0	2.6	14.80
July	6.6	28.2	36.2	22.9	66	23.4	0.3	0.0	0	2.3	12.36
August	6.7	29.3	37.4	23.6	62	22.1	0.1	0.0	0	2.3	14.69
September	10.8	27.0	33.6	22.1	63	19.8	0.6	0.0	0	2.5	12.04
October	13.4	23.4	29.7	19.1	69	18.1	1.5	0.0	0	2.7	9.70
November	14.7	19.9	26.6	15.0	63	14.0	2.6	1.0	1	1.9	8.25
December	16.3	15.4	21.5	10.6	68	12.1	4.4	Drops	0	1.6	5.66
YEAR	1014.5	22.0	28.9	17.0	63	16.1	2.2	1.1	1	2.2	10.32

Absolute Max. 42.5 °C.

Absolute Min. 6.0 °C.

Max. Rain in 1 day 1.0 mm.

## HELWAN.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean Kms. per hour.	Picke.
<b>1928</b>											
January	1004.4	14.3	20.3	10.1	61	9.2	4.4	0.6	0	12.7	5.45
February	4.2	12.7	19.1	8.7	62	8.5	5.0	5.1	2	14.7	6.00
March	2.0	16.0	23.6	10.3	53	8.5	1.6	0.0	0	17.2	9.13
April	999.4	23.0	31.8	15.9	39	8.7	2.0	Drops	0	18.7	14.69
May	98.8	26.4	35.3	18.9	36	10.0	2.0	0.0	0	21.0	16.47
June	96.0	26.4	34.7	19.4	46	13.5	0.2	0.0	0	21.6	16.43
July	94.8	27.4	35.7	20.9	54	16.4	0.4	0.0	0	18.4	16.21
August	95.1	28.6	36.8	22.3	50	16.3	0.2	0.0	0	17.0	16.00
September	99.2	26.4	33.3	20.8	57	17.3	0.6	0.0	0	18.7	12.57
October	1001.6	22.6	29.0	17.8	63	15.5	1.5	0.0	0	19.0	9.37
November	2.6	19.1	25.7	14.5	58	11.3	2.8	0.0	0	12.3	7.35
December	4.2	14.1	20.4	9.7	51	7.9	4.9	Drops	0	12.1	5.87
YEAR	1000.2	21.4	28.8	15.8	52	11.9	2.1	6.6	2	17.0	11.30

Absolute Max. 44.9 °C.

Absolute Min. 4.0 °C.

Max. Rain in 1 day 2.5 mins.

## SHAKSHUK.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean Kms. per hour.	Picke.
<b>1928</b>											
January	—	13.8	20.5	8.7	74	11.6	2.3	Drops.	0	6.1	4.57
February	—	13.0	19.7	7.6	71	10.4	2.8	6.0	1	7.6	5.58
March	—	16.2	23.6	10.0	62	11.3	1.3	0.0	0	7.3	7.32
April	—	22.4	30.5	15.6	57	15.2	1.4	Drops.	0	7.7	10.86
May	—	25.8	33.8	19.6	49	15.6	1.4	0.0	0	9.8	13.72
June	—	26.8	34.1	20.8	54	18.7	0.0	0.0	0	11.3	14.03
July	—	28.4	36.6	21.6	56	19.6	0.0	0.0	0	9.3	13.66
August	—	29.7	38.2	23.3	54	19.9	0.0	0.0	0	7.4	13.55
September	—	27.4	34.4	22.3	63	20.3	0.1	0.0	0	9.7	11.36
October	—	23.5	29.4	19.1	68	18.2	0.2	0.0	0	10.1	8.61
November	—	18.8	26.7	12.8	68	14.1	1.7	Drops.	0	4.8	5.44
December	—	13.5	20.2	7.0	73	10.4	3.2	0.0	0	4.6	3.49
YEAR	—	21.5	29.0	15.7	62	15.4	1.3	6.0	1	8.0	9.34

Absolute Max. 48.0 °C.

Absolute Min. 2.0 °C.

Max. Rain in 1 day 5.0 mms.

## QASR EL GEBALI.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	1017.1	14.8	23.0	9.1	76	11.5	2.2	0.0	0	1.3	4.25
February	17.6	12.9	20.4	7.8	66	8.9	1.8	6.0	1	1.6	5.29
March	15.1	15.8	24.7	8.9	59	9.2	0.5	Drops	0	1.5	7.34
April	12.2	22.8	32.7	14.3	41	9.7	0.8	Drops	0	1.8	14.66
May	11.6	26.5	36.4	17.9	37	11.1	0.7	0.0	0	1.7	18.46
June	9.0	27.4	36.0	19.2	43	13.7	0.0	0.0	0	1.9	19.58
July	7.9	28.6	37.0	20.5	46	15.4	0.0	0.0	0	1.7	17.15
August	7.9	29.3	37.9	21.8	49	16.9	0.0	0.0	0	1.3	15.55
September	11.9	27.0	34.8	20.1	60	18.5	0.0	0.0	0	1.6	10.67
October	14.3	23.2	30.6	17.1	64	16.4	0.2	0.0	0	1.6	—
November	15.4	18.6	27.2	12.6	66	12.4	1.0	1.0	1	1.1	5.36
December	17.4	12.6	21.5	6.7	6	9.1	0.9	Drops	0	1.2	4.07
YEAR	1013.1	21.6	30.2	14.7	56	12.7	0.7	7.0	2	1.5	—

Absolute Max. 45.0 °C.

Absolute Min. 2.5 °C.

Max. Rain in 1 day 6.0 mms.

## FAIYUM.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	—	—	—	—	—	—	—	—	—	—	—
February	—	12.4	20.3	7.1	70	9.7	3.6	6.0	1	1.7	4.04
March	—	15.4	25.0	8.1	60	9.6	1.1	0.0	0	1.5	5.77
April	—	22.3	32.6	13.7	46	11.1	1.7	Drops	0	1.8	10.59
May	—	26.2	36.2	17.7	42	12.8	1.9	0.0	0	2.0	12.84
June	—	26.7	35.4	19.1	52	16.3	0.1	0.0	0	2.4	13.39
July	—	27.7	36.4	20.3	54	17.6	0.1	0.0	0	2.3	11.36
August	—	28.4	37.1	21.4	56	19.4	0.2	0.0	0	1.8	9.46
September	—	26.2	34.3	19.8	66	19.6	0.5	0.0	0	1.9	7.38
October	—	22.4	30.0	16.8	69	16.9	0.6	0.0	0	1.9	6.37
November	—	18.2	27.4	12.3	70	13.5	2.3	0.0	0	1.0	4.12
December	—	12.7	21.9	7.2	72	9.9	4.2	0.0	0	1.0	3.22
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 45.2 °C.

Absolute Min. 2.3 °C.

Max. Rain in 1 day 6.0 mms.

## SIWA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	AIR TEMPERATURE (CENTIGRADE).		Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Ptche.	
	(m.b.)	Mean.	Maximum.	Minimum.	(%)	(m.b.)	(0-10).	(mm.)	(0-12)		
<b>1928</b>											
January	...	13.2	21.1	5.4	—	—	—	Drops	0	—	4.48
February	1021.4	12.7	19.6	6.3	57	8.9	4.8	Drops	0	1.1	6.31
March	17.5	16.1	24.6	8.9	60	12.0	1.8	0.0	0	0.8	7.89
April	14.7	—	—	13.3	—	—	2.4	4.0	1	0.7	9.81
May	14.0	27.0	—	18.4	40	14.3	1.5	0.0	0	0.6	12.95
June	13.1	—	37.4	18.6	—	—	0.4	0.0	0	0.4	14.55
July	12.4	29.1	37.8	20.9	40	13.1	0.3	0.0	0	0.6	15.52
August	11.8	29.2	38.7	20.9	40	13.6	0.1	0.0	0	0.3	14.95
September	15.6	27.6	37.0	19.0	40	12.7	0.1	0.0	0	0.4	11.65
October	18.7	—	32.5	15.5	—	—	0.5	0.0	0	0.5	9.49
November	18.3	18.1	28.7	10.4	48	9.2	2.2	0.0	0	0.7	7.04
December	19.9	18.8	20.9	4.9	58	7.9	4.4	Drops	0	1.0	5.43
YEAR	—	—	—	13.5	—	—	—	4.0	1	—	10.01

Absolute Max. ..... °C.

Absolute Min. —1.0 °C.

Max. Rain in 1 day 4.0 mms.

## TOR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	AIR TEMPERATURE (CENTIGRADE).		Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Ptche.	
	(m.b.)	Mean.	Maximum.	Minimum.	(%)	(m.b.)	(0-10).	(mm.)	(0-12)		
<b>1928</b>											
January	1016.0	15.8	21.7	10.6	58	11.6	3.2	Drops	0	1.9	8.90
February	16.2	15.6	20.6	10.5	56	10.3	2.9	6.0	1	2.4	10.55
March	13.2	17.7	23.9	11.2	63	14.4	1.0	Drops	0	2.2	10.45
April	10.3	22.8	28.7	16.9	54	16.8	1.0	0.0	0	2.3	10.85
May	9.5	25.8	32.3	20.5	67	23.4	1.0	0.0	0	1.8	11.23
June	5.5	27.0	32.5	22.8	68	25.1	0.0	0.0	0	3.1	13.38
July	4.8	28.7	34.1	24.8	68	27	0.0	0.0	0	3.0	13.69
August	5.5	30.1	35.6	25.3	70	31.0	0.1	0.0	0	2.2	13.51
September	8.4	27.7	31.9	22.9	70	28.4	0.0	0.0	0	3.0	12.46
October	11.5	24.2	28.5	18.8	74	25.1	0.2	0.0	0	2.3	10.23
November	14.3	20.0	25.9	14.2	72	19.2	1.5	Drops	0	1.7	10.22
December	16.2	16.1	22.6	10.7	82	16.7	4.0	1.7	1	1.8	8.85
YEAR	1011.0	22.6	28.2	17.4	67	20.8	1.2	7.7	2	2.3	11.19

Absolute Max. 41.6 °C.

Absolute Min. 4.8 °C.

Max. Rain in 1 day 6.0 mms.

## MINYA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picbs.
	(m.b.)										
<b>1928</b>											
January	1014.2	15.1	22.3	7.9	81	10.4	3.5	—	—	0.6	2.48
February	14.6	14.2	21.7	6.6	69	9.2	2.3	—	—	1.0	3.48
March	11.6	17.7	27.2	8.2	60	10.4	0.7	—	—	1.2	5.30
April	8.8	24.2	33.8	14.5	47	12.3	0.3	—	—	2.8	8.67
May	7.1	27.6	37.3	18.0	48	15.6	0.2	—	—	2.0	10.05
June	4.8	28.0	36.2	19.7	62	19.8	0.0	—	—	3.2	9.42
July	4.2	29.2	37.4	20.9	67	22.5	0.0	—	—	2.2	8.45
August	3.6	30.4	38.7	22.0	63	23.1	0.2	—	—	2.0	8.23
September	7.6	27.6	35.3	19.8	70	22.5	0.2	—	—	2.6	6.56
October	10.6	23.8	30.8	16.8	74	19.1	1.6	—	—	2.8	4.90
November	12.2	20.0	27.7	12.2	70	13.6	1.6	—	—	1.8	3.52
December	14.2	14.6	22.3	6.9	68	9.1	3.7	—	—	2.4	3.08
YEAR	1009.5	22.7	30.9	14.5	65	15.6	1.2	—	—	2.0	6.17

Absolute Max. 44.5 °C.

Absolute Min. 1.0 °C.

Max. Rain in 1 day ... mms.

## HURGHADA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picbs.
	(m.b.)										
<b>1928</b>											
January	1017.5	17.7	22.3	13.1	59	10.7	3.4	Drops	0	3.9	10.86
February	17.5	—	21.9	—	51	8.8	2.6	Drops	0	4.3	12.63
March	14.8	18.3	24.8	11.8	47	10.0	1.7	0.0	0	4.7	13.92
April	11.6	23.0	29.7	16.3	40	12.4	1.2	0.0	0	4.6	16.49
May	11.0	27.1	34.2	20.0	39	15.0	1.6	Drops	0	4.3	18.37
June	6.7	28.2	33.4	22.9	46	18.0	0.0	0.0	0	4.3	21.24
July	6.0	29.6	34.5	24.8	45	19.8	0.0	0.0	0	3.6	19.81
August	6.6	30.3	35.9	24.7	43	20.1	0.0	0.0	0	3.9	17.59
September	9.8	28.5	33.6	23.4	42	17.3	0.0	0.0	0	4.4	—
October	12.8	25.0	30.2	19.7	57	19.0	0.2	0.0	0	4.4	—
November	15.5	21.0	26.9	15.1	44	11.3	1.4	0.0	0	3.5	18.16
December	17.1	17.5	23.6	11.4	57	10.5	3.1	0.0	0	3.4	10.22
YEAR	1012.2	—	29.2	—	48	14.4	1.3	Drops	0	4.1	—

Absolute Max. 41.0 °C.

Absolute Min. 6.5 °C.

Max. Rain in 1 day Drops.

**ASYUT.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day
	Mean.	Mean.	Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 min. or over.	Mean.	
	(m.b.)									(0-12)	Picbs.
<b>1928</b>											
January	1011.2	13.6	21.9	8.5	70	10.1	3.1	Drops	0	2.5	3.79
February	11.9	12.9	20.5	7.6	60	8.3	2.0	0.0	0	2.8	5.16
March	8.0	17.4	26.8	10.4	46	7.7	0.6	0.0	0	2.7	8.79
April	5.1	24.0	33.6	16.3	34	8.9	0.8	0.0	0	2.5	13.19
May	4.0	28.3	37.6	20.6	29	9.7	0.8	Drops	0	2.1	14.90
June	3.5	28.0	36.0	20.9	36	12.1	0.0	0.0	0	2.4	15.16
July	1.0	28.6	36.3	22.1	40	13.7	0.0	0.0	0	2.3	13.33
August	1.1	29.7	37.4	23.4	42	15.1	0.0	0.0	0	2.3	12.73
September	4.4	27.3	34.4	21.6	50	16.1	0.0	0.0	0	2.6	11.54
October	7.4	23.4	29.6	18.7	61	16.7	0.0	0.0	0	2.5	6.70
November	9.4	18.6	26.0	13.6	64	12.9	0.9	0.0	0	2.1	4.71
December	11.4	13.2	21.4	7.9	66	9.3	0.0	0.0	0	2.3	3.92
YEAR	1006.4	22.1	30.1	16.0	50	11.7	0.8	Drops	0	2.4	9.49

Absolute Max. 44.0 °C.

Absolute Min. 2.8 °C.

Max. Rain in 1 day Drops.

**QENA.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h.	
	(m.b.)									(0-12)	Picbs.
<b>1928</b>											
January	—	17.0	24.7	9.3	86	12.3	1.0	—	—	1.5	2.95
February	—	16.2	24.2	8.2	60	8.8	0.6	—	—	1.8	3.86
March	—	21.3	31.0	11.6	51	10.1	0.3	—	—	1.9	6.67
April	—	26.9	36.7	17.1	42	12.4	0.1	—	—	2.0	9.89
May	—	31.8	41.1	22.4	27	11.1	0.1	—	—	1.6	12.37
June	—	31.6	40.7	22.5	33	13.5	0.0	—	—	1.8	11.26
July	—	32.2	40.7	23.8	35	15.0	0.0	—	—	1.7	11.39
August	—	32.7	41.4	24.0	37	16.3	0.0	—	—	2.0	10.58
September	—	31.0	39.7	22.2	52	19.8	0.0	—	—	1.8	7.43
October	—	26.6	35.0	18.2	58	17.7	0.1	—	—	1.6	5.06
November	—	21.4	30.0	12.9	57	12.0	0.4	—	—	1.4	4.19
December	—	16.8	25.1	8.4	62	9.3	0.3	—	—	1.5	3.30
YEAR	—	25.5	34.2	16.7	50	13.2	0.2	—	—	1.7	7.39

Absolute Max. 46.5 °C.

Absolute Min. 8.5 °C.

Max. Rain in 1 day ... mmis

## QUSEIR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1928</b>											
January	—	19·6	23·3	15·9	50	10·9	4·3	0·5	0	3·5	7·65
February	—	18·5	22·6	14·4	53	10·9	2·3	Drops	0	3·3	8·27
March	—	20·6	24·6	16·6	39	9·9	2·2	0·0	0	3·6	8·72
April	—	24·9	29·2	20·6	47	15·4	1·5	0·0	0	4·0	10·50
May	—	28·0	32·1	23·8	42	15·9	1·1	0·0	0	3·3	10·96
June	—	29·0	32·9	25·2	45	19·2	0·1	0·0	0	4·1	11·61
July	—	29·8	34·3	25·2	52	24·1	0·0	0·0	0	4·2	10·69
August	—	30·3	34·9	25·7	43	21·3	0·1	0·0	0	3·9	10·94
September	—	30·2	33·6	26·8	46	20·0	0·2	0·0	0	4·3	12·18
October	—	—	—	23·1	50	18·1	0·5	0·0	0	3·7	8·97
November	—	—	—	19·4	44	13·1	2·3	0·0	0	2·9	8·27
December	—	20·3	24·4	16·2	51	11·7	3·1	0·0	0	2·2	6·55
YEAR	—	—	—	21·1	47	15·9	1·5	0·5	0	3·6	9·61

Absolute Max. 40·9 °C.

Absolute Min. 9·4 °C.

Max. Rain in 1 day 0·5 mm.

## NAG HAMMADI.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1928</b>											
January	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—
June	—	30·2	38·4	21·9	39	14·4	0·0	—	—	1·5	18·30
July	—	29·9	37·9	21·9	42	16·0	0·0	—	—	0·8	16·56
August	—	30·5	38·9	22·1	41	17·1	0·1	—	—	0·0	14·30
September	—	28·3	35·4	21·2	59	20·3	0·0	—	—	0·8	10·40
October	—	24·4	30·7	18·1	66	17·7	0·1	—	—	0·6	6·88
November	—	19·6	27·4	11·9	62	11·7	0·9	—	—	0·1	5·27
December	—	14·8	22·3	7·4	66	9·5	1·9	—	—	0·0	4·34
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ..... °C.

Absolute Min. ..... °C.

Max. Rain in 1 day ..... mm.

## KHARGA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION num. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h.	
	(m.b.)									(0-12)	Picbe.
<b>1928</b>											
January	1009.9	16.2	23.4	9.0	63	9.7	4.5	0.2	0	0.1	7.40
February	11.5	15.4	23.5	7.3	58	8.4	1.9	0.0	0	0.5	7.82
March	7.2	20.8	20.5	12.1	54	10.7	2.6	Drops	0	0.8	13.92
April	1.9	25.8	35.0	16.7	39	10.3	1.5	0.0	0	0.9	13.21
May	3.2	30.4	39.8	21.1	31	12.4	0.8	0.2	0	0.5	21.03
June	0.8	29.9	38.7	21.1	32	12.7	0.0	0.0	0	1.1	20.33
July	0.2	—	—	—	37	15.2	0.0	0.0	0	0.5	17.40
August	0.4	31.0	40.8	21.2	44	18.8	0.4	0.0	0	0.2	16.77
September	3.4	29.6	37.7	21.5	45	17.2	0.0	0.0	0	0.9	18.27
October	6.3	25.0	33.2	16.9	55	15.8	0.5	0.0	0	0.7	13.41
November	8.3	20.5	29.4	11.6	53	11.2	1.4	0.0	0	0.4	8.67
December	10.0	15.4	24.4	6.3	58	8.5	1.3	0.0	0	0.1	6.74
YEAR	1005.3	—	—	—	47	12.6	1.2	0.4	0	0.6	13.75

Absolute Max. 45.4 °C.

Absolute Min. 0.1 °C.

Max. Rain in 1 day 0.2 mm.

## ASWAN.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION num. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picbe.
<b>1928</b>											
January	1004.4	18.4	26.0	12.6	58	12.5	3.4	—	—	0.8	8.33
February	5.4	16.8	25.2	10.2	50	10.0	1.0	—	—	1.0	9.21
March	1.6	22.8	32.5	14.9	40	11.5	1.9	—	—	0.9	14.19
April	99.0	27.8	37.4	19.1	38	15.0	0.8	—	—	0.7	15.71
May	97.8	33.6	43.1	24.9	34	19.1	1.2	—	—	0.5	19.25
June	95.2	33.0	42.1	24.6	39	21.8	0.2	—	—	0.8	19.20
July	95.6	32.8	41.0	25.0	32	16.0	0.0	—	—	0.5	17.78
August	96.0	33.4	41.8	25.6	28	14.8	0.0	—	—	0.5	17.77
September	97.8	32.4	41.2	24.6	31	15.0	0.4	—	—	1.1	21.47
October	1000.4	27.8	36.4	20.4	40	15.2	0.2	—	—	0.8	14.83
November	3.1	21.9	29.8	15.4	45	11.9	0.9	—	—	0.6	9.44
December	4.8	18.2	27.0	11.9	48	10.0	0.4	—	—	0.7	8.34
YEAR	1000.1	26.6	35.3	19.1	40	14.4	0.9	—	—	0.7	14.63

Absolute Max. 47.0 °C.

Absolute Min. 4.2 °C.

Max. Rain in 1 day ... mms.

## WADI HALFA.

YEAR.	PRESSURE Mean. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean. (0-12)	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1928</b>											
January	999.9	18.0	26.7	11.3	44	8.5	2.5	—	—	1.3	8.04
February	1001.5	16.4	25.4	9.6	34	5.7	0.5	—	—	1.7	9.71
March	996.8	23.0	33.6	14.8	22	5.3	1.5	—	—	1.1	14.01
April	94.6	26.4	37.9	17.4	20	6.0	0.4	—	—	1.0	16.22
May	93.0	33.2	44.1	24.6	17	8.5	0.9	—	—	0.8	19.76
June	92.2	31.0	41.0	22.4	18	7.7	0.2	—	—	1.0	18.73
July	92.8	30.8	40.5	22.6	22	9.1	0.0	—	—	0.9	17.99
August	92.7	32.2	42.4	23.8	24	10.9	0.6	—	—	0.6	16.20
September	93.6	31.2	40.5	24.4	27	10.9	0.5	—	—	1.6	17.77
October	96.3	26.4	35.8	19.8	33	10.4	0.0	—	—	1.5	13.87
November	99.0	20.4	29.7	13.4	40	9.3	0.7	—	—	0.6	9.05
December	1000.6	17.2	26.9	10.3	42	7.9	0.3	—	—	0.9	8.11
YEAR	996.1	25.5	35.4	17.9	29	8.4	0.7	—	—	1.1	14.12

Absolute Max. 47.5 °C.

Absolute Min. 2.0 °C.

Max. Rain in 1 day ... mms.

## PORT SUDAN.

YEAR.	PRESSURE Mean. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean. (0-12)	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1928</b>											
January	1013.4	24.8	28.4	21.9	72	22.8	2.2	2.5	0	2.8	7.28
February	13.8	23.8	27.6	20.4	66	20.1	2.1	Drops	0	3.2	8.85
March	11.6	24.6	29.2	20.0	66	21.1	2.9	0.0	0	2.9	8.46
April	9.0	27.3	32.4	22.3	62	23.1	2.4	Drops	0	2.7	9.63
May	7.6	31.0	36.9	25.5	54	25.4	1.4	0.0	0	2.2	11.17
June	3.9	32.4	39.5	26.1	44	22.0	1.8	0.0	0	2.1	15.42
July	4.0	33.4	41.3	26.9	52	29.7	1.9	0.2	0	2.3	16.58
August	4.8	34.6	42.0	29.0	50	29.8	1.6	1.0	1	2.4	15.52
September	6.7	31.8	38.1	27.1	60	28.5	1.4	0.0	0	2.1	10.23
October	10.0	29.5	34.7	25.2	70	29.6	1.0	21.5	1	2.7	7.92
November	11.5	27.0	30.8	23.7	72	26.2	4.1	40.7	5	3.0	7.56
December	13.2	25.1	29.7	21.2	72	23.2	3.0	7.1	1	2.6	6.74
YEAR	1009.1	28.8	34.2	24.1	62	25.1	2.2	73.0	8	2.6	8.42

Absolute Max. 47.1 °C.

Absolute Min. 18.7 °C.

Max. Rain in 1 day 21.5 mms.

**SUAKIN.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h.	
	(m.b.)									(0-12)	Picke.
<b>1928</b>											
January	1014.4	—	—	—	73	22.2	6.9	20.7	8	3.0	4.78
February	14.7	—	—	—	66	19.6	5.2	0.7	0	3.4	5.68
March	12.2	24.6	28.5	20.7	64	20.5	2.6	0.0	0	2.7	6.02
April	9.9	26.8	31.6	22.1	51	19.8	2.3	0.0	0	3.0	6.75
May	9.2	31.0	36.3	25.8	52	26.5	0.0	0.0	0	1.7	8.93
June	4.8	33.4	40.6	26.1	—	—	1.0	0.0	0	2.7	13.08
July	5.2	—	42.3	—	27	16.4	2.5	0.0	0	2.5	—
August	6.7	—	43.5	—	30	19.0	1.6	0.0	0	2.5	—
September	7.6	—	39.1	—	44	23.4	0.7	0.0	0	1.3	8.17
October	11.1	—	34.0	—	62	28.5	2.1	6.5	1	1.9	5.97
November	11.1	—	30.1	—	66	24.3	4.6	52.5	6	3.4	5.08
December	14.4	—	29.1	—	68	23.4	2.9	16.7	4	2.6	5.26
YEAR	1010.1	—	—	—	—	—	2.8	97.1	19	2.6	—

Absolute Max. 47.0 °C.

Absolute Min. ..... °C.

Max. Rain in 1 day 22.0 mms.

**GEBEIT.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h.	
	(m.b.)									(0-12)	Picke.
<b>1928</b>											
January	—	21.1	24.3	17.9	—	—	—	6.2	2	—	4.44
February	—	22.1	26.4	17.8	—	—	—	0.0	0	—	4.81
March	—	22.8	27.9	17.6	—	—	—	0.0	0	—	8.40
April	—	24.6	32.7	16.6	—	—	—	3.0	2	—	9.73
May	—	27.0	36.5	17.4	—	—	—	12.5	1	—	11.24
June	—	—	39.9	—	—	—	—	0.0	0	—	14.57
July	—	29.6	39.0	20.2	—	—	—	0.0	0	—	14.61
August	—	31.4	38.8	23.9	—	—	—	35.5	2	—	12.19
September	—	30.0	38.9	21.2	—	—	—	7.0	1	—	11.78
October	—	25.6	33.8	17.5	—	—	—	0.0	0	—	10.13
November	—	24.2	30.5	17.8	—	—	—	0.0	0	—	4.58
December	—	21.0	26.0	15.9	—	—	—	0.0	0	—	—
YEAR	—	—	32.9	—	—	—	—	64.2	8	—	—

Absolute Max. 42.0 °C.

Absolute Min. 13.0 °C.

Max. Rain in 1 day 28.0 mms.

## MEROWE.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									(0-12)	
<b>1928</b>											
January	... ... ... ...	982.8	22.2	32.4	13.8	34	8.8	0.8	0.0	0	1.7
February	... ... ... ...	84.4	20.2	31.0	12.0	26	5.6	0.3	0.0	0	2.1
March	... ... ... ...	80.2	26.7	—	17.2	20	5.0	1.5	0.0	0	1.7
April	... ... ... ...	78.7	29.8	41.8	19.8	16	5.5	1.3	0.0	0	1.7
May	... ... ... ...	78.0	34.8	45.6	25.8	20	10.7	1.5	0.0	0	1.9
June	... ... ... ...	77.6	33.5	43.9	24.0	16	7.6	0.5	0.0	0	2.1
July	... ... ... ...	78.4	33.8	43.7	24.0	16	8.3	0.5	0.0	0	1.8
August	... ... ... ...	78.8	33.1	43.1	25.3	35	16.0	1.4	16.5	5	1.7
September	... ... ... ...	77.6	34.9	45.7	26.6	21	10.5	2.1	5.7	1	2.2
October	... ... ... ...	80.0	31.4	41.6	23.8	21	8.8	0.4	0.0	0	2.5
November	... ... ... ...	83.0	25.2	34.9	18.0	28	8.5	0.2	0.0	0	2.2
December	... ... ... ...	83.8	22.9	34.1	15.5	32	8.9	0.0	0.0	0	2.3
YEAR	...	980.3	29.0	—	20.5	24	8.8	0.9	22.2	4	2.0
Absolute Max.	49.5 °C.	Absolute Min.	5.5 °C.	Max. Rain in 1 day 9.9 mmns							

## TOKAR.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 h.	Picke.
	(m.b.)									(0-12)	
<b>1928</b>											
January	... ... ... ...	—	25.6	29.8	21.4	73	24.7	7.5	19.0	3	2.5
February	... ... ... ...	—	24.9	28.7	21.1	69	22.1	8.7	1.0	1	2.4
March	... ... ... ...	—	26.6	31.2	21.9	64	22.8	6.6	1.0	1	2.5
April	... ... ... ...	—	29.2	35.4	23.1	54	23.9	4.4	0.0	0	2.2
May	... ... ... ...	—	32.0	41.2	22.9	—	—	0.6	0.0	0	2.1
June	... ... ... ...	—	35.2	44.5	26.0	—	—	0.0	0.0	0	3.5
July	... ... ... ...	—	35.4	43.6	27.2	43	25.2	0.0	0.0	0	5.6
August	... ... ... ...	—	35.6	43.0	28.1	40	22.7	0.0	0.0	0	4.7
September	... ... ... ...	—	34.2	41.7	26.8	47	25.6	0.0	0.0	0	2.0
October	... ... ... ...	—	31.3	37.2	25.4	55	27.0	4.5	Drops	0	2.4
November	... ... ... ...	—	28.2	32.5	23.9	61	24.7	4.4	22.0	2	2.3
December	... ... ... ...	—	25.6	30.7	20.6	65	22.8	—	7.0	1	3.5
YEAR	...	—	30.3	36.6	24.0	—	—	50.0	8	3.0	—

Absolute Max. 47.5 °C.

Absolute Min. 16.5 °C.

Max. Rain in 1 day 20.0 mmns.

## ATBARA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	971.0	24.8	33.0	17.1	36	9.5	0.1	0.0	0	2.2	16.32
February	71.6	23.7	32.4	16.2	37	8.7	0.1	0.0	0	2.3	20.64
March	68.7	27.8	37.7	19.8	51	8.9	0.4	0.0	0	2.1	21.69
April	67.0	31.3	40.3	23.2	26	10.1	1.1	0.2	0	2.2	21.20
May	67.2	34.0	41.6	27.4	22	10.7	0.9	0.0	0	1.9	20.37
June	66.2	35.0	43.0	26.8	16	8.0	0.5	0.0	0	2.1	23.83
July	67.1	34.4	41.9	26.9	19	8.9	0.6	0.0	0	2.2	18.53
August	68.2	33.0	40.8	26.7	36	16.3	1.1	18.8	3	2.1	15.44
September	67.1	34.6	42.2	27.4	30	13.9	0.7	2.5	1	2.0	18.12
October	68.2	32.8	40.1	24.5	24	11.2	0.5	0.0	0	1.9	18.05
November	70.8	27.0	34.3	19.7	34	10.9	0.3	0.0	0	2.1	14.59
December	71.1	23.9	32.6	16.4	44	11.2	0.0	0.0	0	2.1	13.45
YEAR	968.7	30.2	38.3	22.7	30	10.7	0.5	21.5	4	2.1	18.46

Absolute Max. 45.5 °C.

Absolute Min. 10.5 °C.

Max. Rain in 1 day 15.0 mms.

## ZEIDAB.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	—	—	31.6	—	—	—	—	0.0	0	—	12.53
February	—	23.2	33.7	—	—	—	—	0.0	0	—	14.23
March	—	27.9	30.1	—	—	—	—	0.0	0	—	16.19
April	—	—	41.1	—	—	—	—	1.9	1	—	16.48
May	—	—	43.0	—	—	—	—	0.0	0	—	16.56
June	—	34.1	43.6	—	—	—	—	0.0	0	—	21.14
July	—	33.3	42.0	—	30	13.7	—	0.0	0	—	19.44
August	—	32.0	40.0	—	40	17.7	—	27.8	5	—	16.86
September	—	34.0	42.3	—	34	16.8	—	5.0	1	—	19.29
October	—	30.6	40.5	—	39	16.8	—	0.0	0	—	17.52
November	—	—	34.9	—	—	—	—	0.0	0	—	15.17
December	—	—	32.6	—	—	—	—	0.0	0	—	12.77
YEAR	—	—	38.7	—	—	—	—	34.7	7	—	16.52

Absolute Max. 46.0 °C.

Absolute Min. 10.5 °C.

Max. Rain in 1 day 11.2 mms.

## AROMA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picbs.
	(m.b.)										
<b>1928</b>											
January	—	24.0	34.2	13.8	60	15.8	0.5	0.0	0	2.1	9.45
February	—	25.3	35.9	14.7	59	20.3	2.5	0.0	0	3.3	11.88
March	—	28.1	38.8	17.4	57	24.5	3.5	4.0	1	3.4	14.00
April	—	31.8	42.4	21.1	45	23.8	3.4	3.9	1	3.5	16.83
May	—	32.6	41.1	24.1	45	22.1	2.4	0.0	0	3.7	17.26
June	—	33.5	42.1	24.9	46	21.8	3.2	1.6	1	3.7	16.24
July	—	—	—	—	54	22.1	2.6	7.5	2	4.0	15.81
August	—	29.0	35.8	22.3	65	23.8	1.7	52.3	6	3.3	13.05
September	—	30.8	39.0	22.5	50	22.5	0.8	15.5	2	3.3	15.44
October	—	30.7	40.6	20.8	35	16.0	0.5	6.1	1	3.8	16.54
November	—	27.8	37.6	18.1	55	22.1	0.9	0.0	0	4.8	13.28
December	—	26.4	34.6	18.3	62	19.5	1.8	0.0	0	4.1	11.33
YEAR	—	—	—	—	53	21.2	2.0	90.9	14	3.6	14.27

Absolute Max. 47.3 °C.

Absolute Min. 11.3 °C.

Max. Rain in 1 day 21.5 mmns.

## KHARTOUM (North).

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picbs.
	(m.b.)										
<b>1928</b>											
January	—	25.3	33.9	16.7	56	15.5	1.9	0.0	0	—	14.22
February	—	24.3	32.9	15.7	44	11.2	3.8	0.0	0	—	17.44
March	—	29.1	39.5	18.7	30	11.1	3.5	—	—	—	19.86
April	—	32.4	41.4	23.3	27	11.7	2.0	Drops	0	—	21.21
May	—	34.0	42.4	25.5	34	17.1	2.4	7.5	1	—	22.81
June	—	34.6	42.4	26.9	53	16.3	3.6	Drops	0	—	—
July	—	33.0	40.0	25.9	52	22.1	4.1	14.7	2	—	—
August	—	30.6	37.4	23.7	61	23.1	5.8	34.5	4	—	12.60
September	—	33.2	40.9	25.5	52	22.7	3.5	Drops	0	1.9	15.36
October	—	30.8	38.4	23.3	31	13.1	1.3	Drops	0	2.2	19.67
November	—	26.8	35.4	18.2	31	9.3	0.5	0.0	0	2.2	16.65
December	—	24.4	33.3	15.6	47	11.5	0.4	0.0	0	2.0	14.52
YEAR	—	29.9	38.2	24.6	42	15.4	2.7	—	—	—	—

Absolute Max. 45.5 °C.

Absolute Min. 8.5 °C.

Max. Rain in 1 day 11.5 mmns.

## KASSALA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Piche.
<b>1928</b>											
January	951.6	25.6	36.2	—	48	15.0	0.2	0.0	0	2.7	10.41
February	52.2	26.7	36.8	—	44	14.3	0.5	0.0	0	2.7	11.24
March	50.0	30.3	40.0	—	50	21.1	1.0	7.5	1	2.5	13.33
April	50.0	33.6	41.7	—	40	20.5	2.7	3.3	2	2.5	15.78
May	51.5	32.1	41.2	—	46	22.0	2.2	4.5	1	2.4	14.17
June	50.8	30.4	39.8	—	50	20.7	2.0	20.9	2	2.8	12.50
July	52.7	27.5	37.6	—	62	22.2	3.4	26.0	4	3.1	10.38
August	54.2	25.9	34.7	—	68	22.0	4.1	137.0	11	2.6	6.39
September	52.4	28.8	39.0	—	59	22.4	3.2	43.2	6	2.4	9.49
October	51.6	31.0	40.4	—	46	19.1	1.9	2.0	2	2.4	12.57
November	52.3	27.3	38.4	—	55	19.2	0.5	0.0	0	2.4	11.80
December	52.7	24.2	36.9	—	58	16.3	0.0	0.0	0	2.5	11.59
YEAR	951.8	28.6	38.6	—	52	19.6	1.8	253.4	29	2.6	11.64

Absolute Max. 45.3 °C.

Absolute Min. ..... °C.

Max. Rain in 1 day 32.0 mms.

## GEBEL AULIA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Piche.
<b>1928</b>											
January	—	24.9	33.9	18.9	39	11.1	0.2	0.0	0	1.9	16.55
February	—	23.6	33.1	16.9	32	9.1	0.3	0.0	0	1.8	20.07
March	—	29.0	38.8	20.8	23	8.4	1.3	0.0	0	1.6	21.89
April	—	31.5	40.2	24.0	27	11.3	2.3	Drops	0	1.6	22.58
May	—	32.4	40.9	25.1	35	15.2	2.5	7.4	4	2.0	19.52
June	—	33.0	40.8	26.6	32	13.6	2.0	0.0	0	1.6	21.20
July	—	31.6	38.7	26.4	46	18.5	2.9	24.2	3	2.2	17.08
August	—	39.4	35.6	24.8	60	22.4	2.7	84.0	3	2.0	12.20
September	—	31.7	38.7	26.7	48	19.6	3.0	25.4	3	1.9	16.05
October	—	31.2	39.0	25.3	32	12.7	2.1	10.1	1	1.9	19.43
November	—	26.4	34.8	20.0	34	10.9	0.8	0.0	0	1.8	16.87
December	—	24.0	33.4	17.4	44	11.3	0.3	0.0	0	1.9	14.81
YEAR	—	29.1	37.3	22.7	38	13.7	1.7	151.1	14	1.8	18.19

Absolute Max. 43.7 °C.

Absolute Min. 10.5 °C.

Max. Rain in 1 day 39.5 mms.

## TAYIBA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Pitche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.							
								Total (mm.)	Days with 1 mm. or over.		
<b>1928</b>											
January	—	—	35·8	—	—	—	—	0·0	0	—	—
February	—	—	36·3	—	—	—	—	0·0	0	—	—
March	—	—	40·3	—	—	—	—	1·2	1	—	—
April	—	—	42·7	—	—	—	—	1·6	1	—	—
May	—	—	41·5	—	—	—	—	44·1	5	—	—
June	—	—	40·4	—	—	—	—	24·4	3	—	—
July	—	—	38·7	—	66	24·8	—	54·1	7	—	—
August	—	27·6	33·7	21·5	83	27·2	—	164·0	8	—	—
September	—	30·0	37·2	22·7	65	25·1	—	47·6	4	—	—
October	—	29·8	38·3	21·4	50	20·8	—	4·3	1	—	—
November	—	26·8	36·7	16·8	48	15·6	—	0·0	0	—	—
December	—	25·0	35·2	14·7	56	16·0	—	0·0	0	—	—
YEAR	—	—	38·0	—	—	—	—	341·3	30	—	—

Absolute Max. 44·6 °C.

Absolute Min. ... °C.

Max. Rain in 1 day 36·4 mms.

## WAD MEDANI (Hospital).

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10).	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Pitche.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.							
	(m.b.)							Total (mm.)	Days with 1 mm. or over.		
<b>1928</b>											
January	963·2	26·2	35·7	17·8	30	8·3	0·7	0·0	0	2·1	13·27
February	64·2	25·8	35·9	16·5	24	6·0	1·0	0·0	0	2·1	12·80
March	62·0	29·8	39·9	20·7	30	11·7	1·5	Drops	0	2·1	17·04
April	—	—	—	—	—	—	—	—	—	—	—
May	62·3	32·3	40·9	23·5	44	19·2	2·3	9·7	3	2·2	15·61
June	62·6	32·0	39·9	24·1	48	20·4	2·2	22·1	4	2·5	14·20
July	63·4	29·3	37·2	22·5	58	21·1	3·2	26·7	2	2·2	13·03
August	64·6	27·0	34·2	20·8	59	19·4	4·8	184·7	12	2·0	12·49
September	62·3	29·8	38·6	21·0	58	22·4	1·8	26·0	1	1·7	14·17
October	62·0	30·2	39·4	21·2	—	—	1·3	4·0	1	1·8	14·75
November	63·9	27·4	37·0	17·1	—	—	0·9	0·0	0	1·9	12·67
December	64·2	25·6	35·8	15·2	—	—	1·0	0·0	0	2·1	13·07
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 44·3 °C.

Absolute Min. 9·5 °C.

Max. Rain in 1 day 58·5 mms.

## WAD MEDANI (Research Farm).

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)				(%)	(m.b.)	(0-10)	(mm.)		(0-12)	Pches.
<b>1928</b>											
January ...	962.8	25.5	35.4	18.0	38	11.2	0.0	0.0	0	1.3	15.71
February ...	63.9	24.3	34.8	15.7	23	8.4	0.0	0.0	0	1.2	17.40
March ...	61.0	29.0	39.1	21.5	26	10.1	1.3	0.4	0	1.1	19.61
April ...	60.8	30.8	40.2	22.5	26	11.6	2.8	3.0	1	1.2	19.45
May ...	61.8	31.4	40.3	24.5	40	16.9	3.0	5.6	2	1.4	17.80
June ...	61.4	31.2	39.8	24.8	42	17.4	2.7	11.3	3	1.9	21.20
July ...	63.0	29.0	37.3	23.6	56	20.8	4.6	35.0	4	1.9	15.57
August ...	63.8	26.8	33.9	22.2	74	24.0	4.6	212.9	12	1.3	8.48
September ...	62.0	28.8	37.5	22.7	61	21.7	2.9	47.9	3	1.2	11.37
October ...	61.9	29.4	38.4	21.5	42	16.8	1.7	3.7	2	1.0	13.69
November ...	63.5	26.3	36.4	17.6	33	10.8	0.1	0.0	0	1.2	13.97
December ...	63.6	24.1	35.1	15.6	36	9.7	0.0	0.0	0	1.4	14.55
YEAR ...	962.5	28.0	37.4	20.8	43	15.0	2.0	318.8	27	1.3	15.74

Absolute Max. 43.9 °C.

Absolute Min. 9.0 °C.

Max. Rain in 1 day 45.5 mms.

## EL DUEIM.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)				(%)	(m.b.)	(0-10)	(mm.)		(0-12)	Pches.
<b>1928</b>											
January ...	968.4	27.4	37.4	17.8	33	12.0	0.6	0.0	0	2.6	15.30
February ...	68.4	26.1	38.5	16.9	32	10.4	0.5	0.0	0	3.0	15.11
March ...	67.6	28.6	40.4	16.7	23	8.8	1.4	0.0	0	2.6	15.38
April ...	66.7	31.5	40.8	20.3	29	13.3	1.4	23.0	3	2.3	15.99
May ...	67.1	31.6	40.8	22.7	34	15.8	3.1	19.5	3	2.8	14.70
June ...	67.9	30.8	40.8	23.0	38	16.8	2.8	11.8	3	2.8	15.38
July ...	68.3	29.0	40.1	22.2	44	17.3	2.9	107.3	7	2.5	14.45
August ...	69.5	26.8	36.3	22.6	62	21.6	4.5	25.4	5	2.4	10.67
September ...	68.0	29.0	39.8	22.9	52	20.3	2.4	11.2	1	2.4	11.85
October ...	67.8	30.4	40.4	22.7	34	14.5	1.4	8.0	1	2.6	13.99
November ...	68.8	27.8	38.6	18.2	30	11.2	0.0	0.0	0	2.8	13.94
December ...	70.0	23.4	36.1	15.0	45	12.8	0.0	0.0	0	2.8	15.23
YEAR ...	968.2	28.5	39.2	20.2	38	14.6	1.8	206.2	23	2.6	14.33

Absolute Max. 43.5 °C.

Absolute Min. 9.6 °C.

Max. Rain in 1 day 36.5 mms.

## EL FASHER.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									(v-12)	
<b>1928</b>											
January	927.6	22.1	33.9	13.4	28	6.7	0.3	0.0	0	0.8	10.99
February	28.6	21.2	33.6	12.2	19	4.3	0.3	0.0	0	1.0	12.05
March	25.6	25.7	38.0	16.3	19	5.2	0.9	6.3	1	1.1	14.42
April	25.4	27.4	38.8	18.3	22	6.9	0.6	1.8	1	1.0	14.21
May	26.0	29.4	39.3	21.4	32	11.5	0.9	9.4	2	1.0	13.57
June	25.9	29.1	38.7	21.8	30	12.7	1.2	2.6	2	1.2	12.74
July	27.1	27.6	36.9	21.4	55	17.7	2.2	140.8	11	1.3	9.24
August	27.6	25.9	33.9	20.8	72	22.1	2.4	145.4	14	1.2	5.81
September	26.8	27.1	36.7	20.4	59	18.2	2.1	54.3	6	1.1	8.13
October	27.1	26.2	37.1	17.3	34	9.7	0.4	0.0	0	1.0	11.55
November	28.4	22.2	34.6	12.1	28	6.5	0.1	0.0	0	0.7	10.50
December	28.8	19.6	33.5	9.4	28	5.5	0.2	0.0	0	0.7	9.57
YEAR	927.1	25.3	36.2	17.1	36	10.6	1.0	360.6	37	1.0	11.06

Absolute Max. 43.0 °C.

Absolute Min. 2.0 °C.

Max. Rain in 1 day 46.0 mms.

## MAKWAR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL		WIND VELOCITY	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h.	Picke.
	(m.b.)									Kms per hour.	
<b>1928</b>											
January	963.1	27.2	36.6	17.9	66	18.0	0.0	0.0	0	12.5	15.35
February	64.0	27.0	36.6	17.3	57	15.5	0.2	0.0	0	18.2	19.32
March	61.5	30.3	40.2	20.4	47	17.6	0.7	9.2	1	15.4	18.56
April	61.6	32.0	40.8	23.2	58	25.4	1.6	10.9	3	15.4	17.73
May	62.8	32.0	40.2	23.7	68	28.9	2.3	36.9	5	15.5	15.42
June	62.8	31.2	39.0	23.4	70	27.4	3.0	54.0	6	17.7	15.43
July	64.2	28.8	35.7	21.9	75	25.7	4.3	122.9	10	18.3	10.32
August	64.7	27.0	32.7	21.2	85	26.4	6.0	269.0	13	11.9	5.24
September	63.1	28.6	35.6	21.5	71	25.6	3.2	30.2	4	11.0	7.80
October	63.0	30.2	38.7	21.7	63	24.3	2.3	Drops	0	12.0	12.11
November	63.9	28.4	37.8	18.9	63	21.4	0.2	0.0	0	14.2	15.17
December	63.9	26.0	36.2	15.8	57	14.7	0.1	0.0	0	13.9	15.04
YEAR	963.2	29.1	37.5	20.6	65	22.6	2.0	533.2	43	14.7	13.96

Absolute Max. 44.4 °C.

Absolute Min. 9.0 °C.

Max. Rain in 1 day 90.0 mms.

## EL OBEID.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	947.1	23.4	33.5	15.6	30	8.7	0.8	0.0	0	2.5	12.75
February	47.9	22.4	32.9	14.1	32	9.6	1.0	0.0	0	2.6	13.86
March	45.1	27.7	37.9	19.6	27	11.2	2.6	0.7	0	2.7	17.37
April	44.7	29.1	38.6	22.0	30	11.9	3.4	15.7	3	3.2	15.66
May	45.6	29.9	38.7	23.5	46	18.0	5.1	18.7	3	3.4	13.10
June	45.4	29.0	37.0	—	51	19.5	5.2	16.8	2	3.3	11.67
July	46.7	27.4	—	—	60	21.1	6.1	123.4	7	2.7	9.63
August	47.2	25.9	32.5	21.6	75	23.6	6.0	155.0	17	2.5	4.89
September	45.8	27.8	36.1	22.0	62	21.3	5.4	20.3	4	2.9	7.58
October	45.9	28.5	37.3	21.2	36	14.1	3.2	3.3	1	3.0	12.80
November	47.5	24.6	34.4	16.2	22	7.5	1.0	0.0	0	2.9	12.40
December	47.5	22.0	32.5	13.3	31	8.9	0.9	0.0	0	2.8	11.50
YEAR	946.4	26.5	—	—	42	14.6	3.4	353.9	37	2.9	11.93

Absolute Max. 42.8 °C.

Absolute Min. 4.7 °C.

Max. Rain in 1 day 42.5 mms.

## SINGA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picke.
<b>1928</b>											
January	—	27.8	37.0	18.7	47	13.2	0.4	0.0	0	2.5	13.69
February	—	27.6	36.8	18.4	39	10.8	1.6	0.0	0	3.5	16.19
March	—	31.2	40.8	21.6	34	12.7	2.1	5.2	2	3.0	16.12
April	—	33.1	40.4	25.8	59	25.4	3.6	6.6	4	3.0	14.93
May	—	31.5	39.0	24.0	61	23.6	4.8	69.6	5	3.4	10.79
June	—	30.4	37.2	23.6	66	22.5	5.3	39.1	8	3.5	10.08
July	—	28.5	34.9	22.1	73	24.3	4.2	170.7	8	3.1	7.49
August	—	26.8	32.2	21.5	83	24.9	6.3	211.3	16	2.5	4.11
September	—	28.5	35.4	21.6	72	24.0	4.4	57.4	5	2.9	5.80
October	—	29.4	37.3	21.6	61	22.7	3.2	9.0	3	2.6	8.30
November	—	—	—	19.8	46	15.9	1.5	0.0	0	2.9	12.73
December	—	—	—	17.0	44	11.9	0.3	0.0	0	2.7	13.91
YEAR	—	—	—	21.3	57	19.3	3.8	568.9	51	3.0	11.18

Absolute Max. 45.0 °C.

Absolute Min. 11.5 °C.

Max. Rain in 1 day 51.5 mms.

## GALLABAT.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	927.1	26.8	37.6	17.8	35	11.3	0.6	0.0	0	2.4	15.85
February	27.6	28.2	37.6	20.4	36	13.2	0.6	0.0	0	2.6	19.40
March	26.0	30.5	39.2	22.3	30	12.5	1.9	18.2	3	3.2	20.44
April	26.8	29.4	37.2	22.8	46	18.4	4.2	39.2	8	3.1	15.28
May	28.6	27.8	35.5	22.1	52	17.8	4.2	76.1	11	3.0	11.29
June	28.7	25.8	32.7	20.4	65	20.1	4.8	161.1	13	2.8	7.69
July	30.3	24.2	30.1	19.8	77	21.8	5.4	182.4	15	2.1	4.91
August	30.7	23.5	29.7	19.6	84	22.8	6.6	272.8	23	1.6	3.31
September	29.0	24.9	32.9	19.6	76	22.2	3.6	43.9	9	1.5	4.42
October	28.6	25.1	34.5	18.5	68	19.1	2.7	39.3	5	1.6	6.43
November	28.4	25.9	36.4	17.1	45	13.2	1.2	5.1	1	1.5	10.76
December	27.9	25.1	36.8	15.2	33	9.9	0.1	0.0	0	1.5	13.13
YEAR	928.3	26.4	35.0	19.6	54	16.9	3.0	837.4	88	2.2	11.08

Absolute Max. 42.5 °C.

Absolute Min. 12.5 °C.

Max. Rain in 1 day 46.5 mms.

## ROSEIRES.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	—	26.4	38.5	17.6	34	11.5	1.0	Drops	0	2.4	12.85
February	—	27.0	38.6	10.7	28	10.4	1.6	0.0	0	3.0	15.24
March	—	30.0	40.4	21.4	33	14.0	3.2	5.7	3	2.0	15.59
April	—	30.2	38.6	24.4	41	17.4	5.4	19.4	4	2.8	13.56
May	—	28.4	36.4	23.0	51	19.4	6.2	81.2	8	3.1	10.45
June	—	26.1	34.3	22.2	67	22.4	6.0	170.7	11	3.0	6.88
July	—	25.6	31.0	21.4	68	22.1	6.8	219.4	14	2.8	4.87
August	—	25.0	30.2	20.8	70	21.7	8.4	170.4	13	2.9	4.02
September	—	25.8	32.9	21.2	70	23.0	5.7	50.4	8	2.0	5.85
October	—	26.4	36.6	20.5	66	22.1	4.1	16.1	5	2.6	6.88
November	—	26.9	38.0	18.8	43	15.0	2.8	7.4	1	2.1	10.47
December	—	24.8	37.9	16.5	33	10.1	1.0	0.0	0	2.4	12.02
YEAR	—	26.9	36.1	20.6	50	17.4	4.4	740.7	67	2.6	9.89

Absolute Max. 44.0 °C.

Absolute Min. 13.0 °C.

Max. Rain in 1 day 77.3 mms.

## MALAKAL.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean.	Mean.	Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									Km. per hour.	Picbs.
<b>1928</b>											
January	964.4	28.4	38.1	20.7	29	11.6	1.8	0.0	0	6.2	18.80
February	64.7	28.2	37.7	21.1	22	9.2	1.3	0.0	0	8.4	24.12
March	62.7	29.7	38.8	22.3	38	15.1	3.4	18.1	3	4.5	15.53
April	63.5	28.5	36.6	23.3	59	21.1	5.5	199.8	8	3.2	8.50
May	65.6	27.0	34.8	22.3	74	23.9	6.2	33.7	7	3.5	6.21
June	65.8	25.6	33.0	21.1	80	24.9	6.6	115.1	9	3.4	4.35
July	67.2	24.8	31.3	20.6	84	25.4	7.3	194.7	10	3.1	3.47
August	67.5	25.1	31.3	21.7	86	26.2	5.4	232.4	15	2.8	3.26
September	65.8	26.2	33.7	22.0	86	27.8	4.4	155.7	11	3.0	4.11
October	65.1	26.6	34.0	21.9	82	26.8	4.4	94.5	6	2.4	4.26
November	65.2	26.8	36.2	19.8	56	18.0	0.7	Drops	0	3.0	8.99
December	64.3	26.2	36.9	17.5	36	10.7	0.0	0.0	0	5.4	14.50
YEAR	965.2	26.9	35.2	21.2	61	20.0	3.9	1044.0	69	4.1	9.68

Absolute Max. 42.6 °C.

Absolute Min. 14.5 °C.

Max. Rain in 1 day 80.6 mms.

## HILLET DOLEIB.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	
	(m.b.)									(0-12)	Picbs.
<b>1928</b>											
January	—	—	—	20.5	26	9.7	2.9	0.0	0	2.6	—
February	—	—	—	20.9	16	5.7	2.7	Drops	0	3.4	—
March	—	—	—	—	—	—	2.7	14.7	4	2.7	—
April	30.4	37.8	23.0	57	21.4	7.1	50.2	8	1.1	—	—
May	28.8	35.5	22.2	67	23.6	6.1	47.9	6	1.0	—	—
June	28.0	34.4	21.5	77	25.4	7.0	155.1	9	1.1	—	—
July	27.0	32.9	21.2	80	25.6	7.9	128.5	9	1.0	—	—
August	27.0	32.3	21.7	83	26.4	7.4	189.2	11	0.8	—	—
September	28.0	34.2	21.7	78	26.8	6.7	156.6	7	0.9	—	—
October	28.7	35.7	21.7	73	26.8	4.2	59.9	3	1.1	—	—
November	28.0	36.5	19.6	43	16.1	1.2	Drops	0	2.0	—	—
December	27.2	37.4	17.1	35	11.5	0.0	0.0	0	2.5	—	—
YEAR	—	—	—	—	—	—	4.7	802.1	57	1.7	—

Absolute Max. 42.0 °C.

Absolute Min. 14.5 °C.

Max. Rain in 1 day 79.9 mms.

## KAFIA KINGI.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	—	—	—	—	—	—	0·3	0·0	0	2·4	—
February	—	—	—	—	—	—	1·0	0·0	0	2·8	—
March	—	—	—	—	—	—	4·1	12·0	2	3·7	—
April	—	—	—	—	—	—	3·5	6·5	5	3·6	—
May	—	—	—	—	—	—	4·5	280·5	12	3·1	4·89
June	—	—	—	—	—	—	4·2	159·0	8	—	2·94
July	—	23·0	31·5	15·5	82	23·5	6·1	230·0	10	2·3	2·53
August	—	23·2	30·4	—	86	24·0	2·5	258·2	18	4·5	2·41
September	—	23·3	31·9	—	92	25·4	1·1	179·7	10	4·7	2·97
October	—	—	—	—	—	—	1·2	38·9	4	2·8	4·49
November	—	—	—	—	—	—	1·5	0·5	0	4·0	7·69
December	—	—	—	—	—	—	0·0	0·0	0	3·3	9·30
YEAR	—	—	—	—	—	—	2·5	1228·3	69	—	—

Absolute Max. .... °C.

Absolute Min. .... °C.

Max. Rain in 1 day 45·0 mms.

## RAGA.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 min. or over.	Mean. (0-12)	Picke.
<b>1928</b>											
January	—	25·0	37·6	16·2	60	16·3	3·5	0·0	0	2·8	7·26
February	—	25·2	37·9	15·2	44	13·5	2·9	0·0	0	2·9	8·18
March	—	27·0	38·9	18·2	62	21·2	4·5	35·4	6	2·2	7·39
April	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—
July	—	24·6	31·5	20·7	86	25·6	5·1	124·7	11	1·4	3·11
August	—	24·2	31·4	20·3	88	26·0	5·5	388·0	15	1·3	1·99
September	—	25·0	33·2	20·2	90	27·5	5·2	218·6	10	1·4	2·40
October	—	25·6	34·9	20·1	84	24·9	4·6	46·2	4	1·4	3·38
November	—	25·3	36·9	17·6	74	22·1	2·3	5·0	1	1·9	5·82
December	—	23·7	37·0	13·2	67	18·7	2·3	0·0	0	2·3	6·66
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. .... °C.

Absolute Min 8·5 °C.

Max. Rain in 1 day ..... mms.

**GAMBELA.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picbs.
	(m.b.)										
<b>1928</b>											
January	—	—	37·8	—	63	23·8	4·1	42·6	4	3·2	7·72
February	—	—	39·7	—	56	21·8	5·1	2·5	1	3·2	9·86
March	—	—	38·3	—	—	—	6·4	52·4	5	3·3	8·59
April	—	—	—	—	—	—	7·9	113·1	9	3·3	6·48
May	—	—	—	—	82	28·0	7·4	126·8	16	2·6	3·24
June	—	—	—	—	79	25·4	7·3	126·0	14	2·7	3·21
July	—	—	30·5	—	85	25·6	7·9	111·0	16	2·7	2·23
August	—	—	30·5	—	83	24·5	8·3	167·1	17	3·0	2·63
September	—	—	31·7	—	75	23·9	6·3	94·7	13	2·9	3·31
October	—	—	33·0	—	66	23·0	4·6	49·1	9	2·5	3·68
November	—	—	33·4	—	73	24·7	3·1	91·4	9	1·7	3·67
December	—	—	35·5	—	—	—	1·5	2·3	1	2·1	6·07
YEAR	—	—	—	—	—	—	5·8	979·0	114	2·8	5·06

Absolute Max. ... °C.

Absolute Min. ... °C.

Max. Rain in 1 day 46·0 mms.

**ZERAF CUT.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Picbs.
	(m.b.)										
<b>1928</b>											
January	—	24·3	33·1	17·9	76	21·7	2·0	1·6	1	1·8	3·35
February	—	23·9	32·9	17·5	70	19·1	1·6	Drops	0	1·6	4·66
March	—	25·5	33·5	19·5	74	22·4	3·5	9·0	2	2·1	4·25
April	—	25·9	32·1	21·7	84	26·7	5·3	52·3	6	2·6	3·49
May	—	25·0	30·7	21·2	89	28·0	5·3	113·1	13	2·5	2·38
June	—	25·0	30·3	21·2	86	26·2	4·7	185·0	6	1·6	2·27
July	—	24·6	29·0	21·5	86	28·4	5·7	134·2	7	1·7	1·87
August	—	24·7	29·5	21·7	89	26·8	4·6	122·9	11	1·0	1·71
September	—	25·4	30·2	22·1	88	27·6	4·2	188·5	8	1·0	1·78
October	—	25·6	30·5	22·3	88	27·6	5·0	93·7	5	1·2	1·94
November	—	25·1	30·7	21·7	87	25·1	3·3	1·2	1	0·8	2·70
December	—	23·6	31·5	18·6	84	21·8	0·8	0·0	0	0·4	3·32
YEAR	—	24·9	31·2	20·6	83	25·0	3·8	901·5	60	1·5	2·80

Absolute Max. 36·1 °C.

Absolute Min. 18·0 °C.

Max. Rain in 1 day 76·0 mms.

WAU.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. (%)	VAPOUR PRESSURE. (m.b.)	CLOUD AMOUNT. (0-10)	RAINFALL.		WIND FORCE. Mean. (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1928</b>											
January ...	—	26.9	—	20.6	57	18.8	3.3	10.7	1	2.0	13.53
February ...	—	27.5	—	20.2	48	17.6	2.9	0.0	0	2.4	17.81
March ...	—	28.4	—	21.2	54	18.8	5.3	44.2	7	2.8	12.47
April ...	—	28.0	—	22.3	69	22.5	6.0	92.1	8	2.7	8.18
May ...	—	27.0	—	21.8	72	23.9	6.0	189.3	11	2.6	5.56
June ...	—	26.7	—	21.7	72	23.9	6.6	129.4	12	2.5	4.36
July ...	—	25.9	—	20.9	72	24.0	6.4	80.3	10	2.5	4.00
August ...	—	25.7	—	20.8	74	23.9	6.3	185.1	16	2.4	3.87
September ...	—	25.8	—	20.6	76	24.1	5.7	106.0	8	2.2	3.99
October ...	—	26.0	—	20.8	76	24.0	5.4	140.2	11	2.4	4.77
November ...	—	25.9	—	20.4	76	22.5	2.3	1.0	1	2.0	8.17
December ...	—	25.8	—	18.1	—	—	1.3	0.0	0	1.9	10.85
YEAR ...	—	26.6	—	20.8	—	—	4.8	978.3	85	2.4	8.17

Absolute Max. ... °C.      Absolute Min. 14.5 °C.      Max. Rain in 1 day 80.2 mms.

YUBO

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (m.b.)	8 h. (0-10)		
<b>1928</b>											
January ...	—	—	—	—	—	—	—	—	—	—	—
February ...	—	—	—	—	—	—	—	—	—	—	—
March ...	—	—	—	—	—	—	—	—	—	—	—
April ...	—	—	—	—	—	—	—	—	—	—	—
May ...	—	—	—	—	—	—	—	—	—	—	—
June ...	—	24.1	29.0	19.2	94	24.4	2.0	160.5	9	1.5	—
July ...	—	23.8	28.5	19.1	93	23.5	2.4	210.7	10	1.4	—
August ...	—	23.8	28.8	18.8	94	24.0	2.5	212.0	14	1.8	—
September ...	—	23.2	29.7	18.7	94	24.7	1.9	126.6	12	3.0	—
October ...	—	24.4	30.0	18.9	94	24.5	1.9	112.6	10	3.3	—
November ...	—	25.0	30.9	19.0	90	24.0	1.9	64.5	6	3.7	—
December ...	—	25.3	32.3	18.3	82	21.3	1.1	10.8	2	4.1	—
YEAR ...	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ... °C.      Absolute Min. ... °C.      Max. Rain in 1 day ... mms.

## MONGALLA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Piche.
<b>1928</b>											
January	956.4	30.0	39.7	22.6	43	17.1	0.3	0.0	0	2.2	12.49
February	57.0	29.9	39.3	23.3	42	16.4	1.0	3.6	1	1.8	12.07
March	56.6	29.4	38.2	24.0	57	21.8	2.6	19.7	6	2.1	9.87
April	57.6	27.2	35.4	22.8	76	25.7	4.2	181.7	10	1.7	6.05
May	59.8	25.9	33.3	22.5	84	26.8	4.0	86.4	7	1.8	3.90
June	59.6	25.9	33.4	22.0	82	26.0	3.2	239.4	10	1.5	3.86
July	61.4	24.7	32.2	20.9	86	25.6	3.6	96.0	7	1.6	3.03
August	61.1	25.2	33.2	20.9	84	25.6	2.8	82.2	7	1.8	3.79
September	59.5	25.4	33.6	20.9	82	25.1	2.1	199.6	11	1.4	3.77
October	59.2	25.9	34.3	20.3	78	24.0	1.5	105.5	9	1.5	3.98
November	58.8	26.4	35.6	20.2	71	21.8	1.3	26.9	5	1.7	5.40
December	57.9	26.8	37.2	19.1	50	15.6	0.5	Drops	0	1.7	8.59
YEAR	958.7	26.9	35.4	21.6	70	22.6	2.3	1041.0	73	1.7	6.40

Absolute Max. 43.0 °C.

Absolute Min. 16.5 °C.

Max. Rain in 1 day 93.6 mmns.

## JUBA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h.	
	(m.b.)									(0-12)	Piche.
<b>1928</b>											
January	—	29.4	38.5	20.4	68	24.7	2.5	0.5	0	1.5	14.16
February	—	30.0	38.7	21.3	45	16.9	3.1	0.0	0	2.5	14.17
March	—	29.4	37.3	21.4	68	24.5	3.7	30.4	5	2.5	10.35
April	—	33.7	—	87	87	28.4	3.4	120.4	13	2.5	5.89
May	—	31.5	—	86	86	25.6	4.6	261.4	12	3.7	3.79
June	—	25.7	31.4	20.0	85	24.9	4.0	191.9	10	3.0	3.16
July	—	25.4	31.2	19.5	90	24.8	5.2	104.3	7	3.3	3.46
August	—	26.2	31.9	20.6	89	25.3	4.9	71.7	8	3.7	3.83
September	—	26.4	33.2	19.7	85	24.8	3.9	102.8	8	2.9	3.99
October	—	26.8	33.6	20.1	85	24.9	4.3	169.1	8	3.1	4.61
November	—	—	—	20.7	82	25.1	2.7	9.7	4	3.2	5.84
December	—	—	—	—	—	—	—	—	—	—	—
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 41.2 °C.

Absolute Min. 17.8 °C.

Max. Rain in 1 day 66.2 mmns.

## TORIT.

YEAR.	PRESSURE,	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Piche.
	(m.b.)										
<b>1928</b>											
January ...	—	—	—	—	53	24.7	0.2	9.5	1	2.2	10.73
February ...	—	—	—	—	—	—	0.8	0.0	0	1.7	11.35
March ...	—	—	—	—	53	23.6	1.1	32.3	4	1.4	10.00
April ...	—	—	—	—	68	25.2	1.3	159.9	16	1.1	6.37
May ...	—	—	—	—	75	26.1	1.6	250.0	17	0.8	4.14
June ...	—	—	—	—	—	—	2.7	101.7	13	0.4	4.55
July ...	—	—	—	—	—	—	5.4	142.0	8	0.0	5.35
August ...	—	—	—	—	—	—	5.4	86.0	10	—	4.90
September ...	—	—	—	—	—	—	4.2	100.0	6	—	5.02
October ...	—	—	—	—	—	—	3.8	141.5	8	—	4.65
November ...	—	—	—	—	—	—	3.0	71.5	5	—	4.77
December ...	—	—	—	—	—	—	3.5	5.0	1	—	5.38
YEAR ...	—	—	—	—	—	—	2.8	1099.3	89	—	6.43

Absolute Max. ... °C.    Absolute Min. ... °C.    Max. Rain in 1 day 71.0 mms.

## LERUA.

YEAR.	PRESSURE,	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Piche.
	(m.b.)										
<b>1928</b>											
January ...	—	26.9	35.2	18.6	44	13.1	1.9	13.0	6	2.1	16.17
February ...	—	27.4	34.7	20.0	35	11.2	2.1	4.0	3	2.4	16.01
March ...	—	—	—	—	—	—	—	—	—	—	—
April ...	—	—	—	—	—	—	—	—	—	—	—
May ...	—	21.1	25.4	16.8	77	18.7	4.3	335.0	30	2.5	2.75
June ...	—	21.3	26.0	16.3	81	19.6	4.0	205.0	23	2.6	2.33
July ...	—	21.0	25.9	16.0	79	18.5	3.4	114.0	17	2.3	2.43
August ...	—	20.6	25.3	15.8	—	—	2.6	221.0	29	1.9	2.23
September ...	—	21.6	27.0	16.2	—	—	3.4	153.0	20	1.6	2.84
October ...	—	21.2	27.4	15.1	81	21.4	3.1	320.8	26	1.6	3.20
November ...	—	22.0	28.9	15.0	—	—	2.9	136.0	16	1.2	4.41
December ...	—	23.6	32.5	14.7	47	13.3	1.3	9.0	2	1.7	7.95
YEAR ...	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ... °C.    Absolute Min. 11.0 °C.    Max. Rain in 1 day 66.0 mms.

## DURATION OF BRIGHT SUNSHINE.

	ALEXANDRIA.		PORT SAID.		QURASHIYA.		TANTA.		GIZA.		KHARTOUM.	
	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.
<b>1928</b>												
January	6.5	63	7.0	68	7.1	69	6.4	62	7.2	69	10.7	95
February	6.8	62	6.2	56	6.9	63	6.8	62	7.5	68	10.6	91
March	6.2	77	9.0	75	9.3	78	9.0	75	9.5	79	10.6	88
April	11.2	87	10.8	84	10.6	82	10.5	81	10.7	83	10.2	82
May	11.5	84	10.9	80	11.1	81	11.3	82	11.4	84	10.4	81
June	12.7	90	12.3	87	12.6	89	12.4	88	12.5	89	11.0	85
July	12.8	92	11.8	85	12.0	86	12.0	86	11.9	86	9.9	77
August	12.2	92	11.8	89	11.4	86	11.5	87	12.0	91	8.6	68
September	11.3	92	11.2	91	10.4	85	10.4	85	—	—	9.5	78
October	10.3	90	—	—	10.0	88	9.5	83	9.9	86	10.5	89
November	8.0	76	8.7	83	7.8	74	7.8	74	8.0	75	11.0	96
December	6.0	59	—	—	6.0	68	6.8	67	7.3	72	10.8	96
YEAR	9.9	80	—	—	9.7	70	9.5	78	—	—	10.3	86

N.B.—For Observations at Helwan see page 11.

	WAD MEDANI.		HAIFA.		JENIN.		JERICHO.		ACRE.	
	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Ce:t of Possibl	Hours.	Pe: Cent of Possible.
<b>1928</b>										
January	10.2	90	5.8	57	6.8	67	7.3	72	6.4	63
February	10.2	88	5.3	49	4.7	44	5.5	51	4.9	45
March	9.8	82	9.4	80	9.7	82	9.6	81	9.1	77
April	—	—	10.8	84	11.4	89	11.1	87	11.0	86
May	9.8	77	10.9	80	11.6	85	10.3	76	11.1	82
June	9.4	70	12.4	88	12.8	91	—	—	12.8	91
July	—	—	12.1	86	13.1	94	11.6	83	12.3	88
August	—	—	11.2	85	12.3	93	11.6	88	11.7	89
September	—	—	10.0	81	11.1	90	11.4	93	11.1	90
October	—	—	9.5	84	9.9	88	10.4	92	—	—
November	11.1	97	7.4	71	7.3	70	8.3	80	7.7	74
December	10.7	96	—	—	5.6	57	6.0	61	4.5	45
YEAR	—	—	—	—	9.7	70	—	—	—	—

ACTINOMETRIC OBSERVATIONS ( $^{\circ}\text{C}$ ) 1928.

	January.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.
<b>Alexandria at 14<sup>h</sup>.</b>												
Black Bulb in Vacuo ... ... ...	40.9	40.7	45.5	52.7	53.1	51.7	52.8	51.9	51.1	49.8	43.5	36.3
Absolute Black Bulb ... ... ...	48	43	52	59	64	56	54	56	56	53	50	43
Date ... ...	4	10,19,29	17	22,23	3	11	Several Dates	Several Dates	7	1,2,3	7	Several Dates
<b>Giza (Cotton Research Board) daily Maximum.</b>												
Black Bulb in Vacuo... ... ...	—	—	—	67.2	66.6	65.2	69.0	69.4	66.8	63.6	58.9	55.2
Absolute Black Bulb... ... ...	—	—	—	79.3	81.5	70.2	71.3	73.4	69.0	67.0	64.1	59.5
Date ... ...	—	—	—	25	9	30	8	19	1	18	10	13
<b>Aswan daily Maximum.</b>												
Black Bulb in Vacuo ... ... ...	48.8	53.2	61.1	67.7	71.1	71.7	71.0	74.5	71.0	65.4	57.0	51.7
Bright " " ... ... ...	30.7	31.7	39.0	44.8	50.0	49.2	48.9	50.0	47.9	43.2	35.8	31.3
Absolute Black Bulb ... ... ...	57.5	61.0	68.0	73.5	77.5	78.0	73.5	81.0	76.0	71.0	62.0	59.5
Date ... ...	30	2	27	24	27	21	27	9	2	4	Several Dates	14
Absolute Bright Bulb... ... ...	39.0	41.5	46.0	51.5	55.0	53.0	52.0	53.5	51.5	48.5	42.0	37.0
Date ... ...	6	2	16	24,25	27	6	2	9	17	4	10,11	2,3

N.B.—For Observations at Helwan see page 11.

**RIVER TEMPERATURE (°C) 1928.**

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Aswan Reservoir.</b>												
Readings every Wednesday at 7 h. Depth 1·5 metres.												
1st. Week.												
1st. Week.	20·0	18·0	17·0	21·0	24·0	28·0	28·0	28·0	27·0	27·0	21·0	19·0
2nd. "	19·0	18·0	18·5	21·0	25·0	27·0	27·0	27·0	26·5	25·0	21·0	18·0
3rd. "	18·0	17·0	18·5	22·0	26·0	27·5	27·0	29·0	26·0	24·0	22·0	17·0
4th. "	17·5	17·5	21·0	25·0	27·0	28·0	28·0	29·0	26·0	24·0	20·0	17·0
5th. "	—	17·0	—	—	28·0	—	—	28·0	—	23·0	—	—
Mean. ... ... ...	18·6	17·5	18·8	22·2	26·0	27·6	27·5	28·6	26·4	24·6	21·0	17·8
<b>Atf (8h. daily readings).</b>												
1928 ... ... ... ...	15·8	15·3	16·3	21·6	24·4	26·0	27·6	28·0	26·6	23·7	19·9	14·8
Highest Reading	17·0	16·0	18·8	25·0	27·0	27·0	29·0	29·0	28·3	26·0	22·3	16·9
Lowest Reading	15·0	14·8	13·0	18·5	23·0	24·8	26·4	27·2	25·5	22·5	16·8	13·5
<b>Delta Barrage (8h. daily readings).</b>												
1928 ... ... ... ...	16·2	16·0	17·1	22·0	24·5	25·6	26·9	27·8	26·1	23·9	20·8	15·7
Highest Reading	17·2	16·9	19·8	25·0	26·8	27·2	28·0	28·5	28·2	25·8	22·3	17·9
Lowest Reading	15·6	14·5	13·5	19·9	23·0	24·0	25·8	27·0	24·5	22·5	17·3	14·8
<b>Asyut (8h. daily readings).</b>												
1928 ... ... ... ...	16·9	16·8	18·7	22·8	25·8	25·6	26·2	27·6	26·2	24·3	21·1	16·5
Highest Reading	18·8	18·8	21·5	27·8	28·0	27·0	27·8	28·2	27·7	26·5	22·5	18·7
Lowest Reading	15·2	14·8	14·5	20·2	23·2	24·0	25·0	27·2	25·4	22·8	18·0	14·9
<b>Zeraf Cut (8h. daily readings).</b>												
1928 ... ... ... ...	24·8	21·9	26·0	27·7	27·0	26·8	26·2	26·5	26·7	26·7	26·4	25·0
Highest Reading	25·8	26·1	27·8	28·4	27·8	27·8	27·0	27·1	27·8	27·5	27·3	26·3
Lowest Reading	23·2	22·9	23·0	26·5	25·8	25·5	25·3	25·9	25·5	26·0	25·3	23·8

Note : - Asyut temperature at 14h averaged 0·4 °C. to 0·5 °C. higher than temperature at 8h.

Zeraf Cut      "      "      "      0·5 °C. to 0·6 °C.      ,      "      "

**EARTH TEMPERATURE (°C).**

From Daily Readings at 14 h.

	Depth of Thermometers Metres.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Giza (Cotton Research Board).</b>													
1928...	0·60	—	—	17·4	21·8	25·2	27·2	29·0	30·1	29·8	26·3	22·0	16·8
	1·10	—	—	19·0	21·1	24·3	26·5	28·1	29·3	29·1	27·6	24·8	21·1
	2·09	—	—	20·1	20·6	22·7	24·5	25·0	27·0	27·5	27·1	25·2	23·0
<b>Qurashiya:</b>													
1928...	0·60	20·0	19·3	19·6	23·8	27·8	30·1	31·6	32·7	32·0	29·5	26·2	21·8
	1·10	21·8	20·3	20·1	21·9	25·2	27·5	29·3	30·5	30·7	29·3	27·1	23·7
<b>Sakha.</b>													
1928...	0·60	19·8	18·6	18·2	20·8	24·1	24·6	25·3	25·0	27·0	27·3	25·2	20·9
	1·10	20·9	20·0	19·2	20·5	22·6	22·8	24·1	24·0	26·5	27·4	26·1	23·0
<b>Qasr el Gebali:</b>													
1928...	0·60	21·0	19·5	20·3	24·9	28·6	30·6	32·1	33·5	32·3	29·5	25·5	20·3
	1·10	23·0	20·8	20·8	23·2	25·9	27·7	29·2	30·4	30·6	29·1	26·7	22·9

**RAINFALL STATIONS  
1928.**

## RAINFALL 1928.

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
<b>Egypt.</b>														
Sidi Barrani ... ... ... ... { R D	3°0 2	51°0 II	3°0 2	4°0 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°8 0	17°8 2	9°0 2	88°6 20
Ras el Dab'a ... ... ... ... { R D	0°0 0	21°5 5	0°0 0	9°0 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	64°0 3	5°0 2	99°5 11
A'nmria ... ... ... ... { R D	18°0 5	59°5 10	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	40°0 5	23°5 2	141°0 22
Borg el Arab ... ... ... ... { R D	9°5 2	28°0 6	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	97°5 5	8°0 2	143°0 15
Hammam ... ... ... ... { R D	6°0 2	59°5 8	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	43°5 4	3°5 1	103°5 15
Mex ... ... ... ... { R D	20°9 4	54°1 8	2°5 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	61°7 5	29°9 5	169°1 23
Rosetta L.H. ... ... ... ... { R D	39°1 9	114°8 13	10°0 2	Drops 0	Drops 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	Drops 0	28°3 4	21°0 4	213°2 32
Borollos L.H. ... ... ... ... { R D	31°8 6	72°4 13	9°0 3	21°0 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	Drops 0	22°0 2	73°0 6	229°2 31
Damietta L.H. ... ... ... ... { R D	22°1 4	47°2 8	8°5 2	2°5 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	Drops 0	7°8 2	10°7 3	98°8 20
El 'Arish ... ... ... ... { R D	5°0 1	33°0 6	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	26°5 2	64°5 9
El Themed ... ... ... ... { R D	0°0 0	50°5 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	6°0 2	56°5 3
Ismailia ... ... ... ... { R D	5°3 1	4°0 2	0°0 0	Drops 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	1°0 1	3°5 2	13°8 6
Faqus ... ... ... ... { R D	5°0 2	9°0 3	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	Drops 0	4°0 1	18°0 6
Kafr el Sheikh ... ... ... ... { R D	3°2 1	14°9 6	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	15°2 2	5°7 2	39°0 11
Kafr el Zayat ... ... ... ... { R D	17°5 2	22°0 3	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	17°0 2	16°0 2	72°5 9
Damanhûr ... ... ... ... { R D	11°0 4	30°7 9	0°0 0	1°3 1	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	1°7 1	21°8 2	16°6 2	83°1 19
<b>Sudan.</b>														
Abu Hamed ... ... ... ... { R D	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0
Sallom ... ... ... ... { R D	19°7 3	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°7 0	0°0 0	2°3 1	4°8 2	20°8 4	48°3 10
Sinkat ... ... ... ... { R D	0°0 0	0°0 0	0°0 0	10°2 2	Drops 0	Drops 0	Drops 0	Drops 0	48°0 5	12°4 2	7°0 1	0°0 0	0°0 0	77°6 10
Talgwareb ... ... ... ... { R D	0°0 0	0°0 0	0°0 0	5°3 2	0°0 0	1°3 1	2°3 1	10°5 2	13°3 3	0°0 0	0°0 0	0°0 0	0°0 0	32°7 9
Thamiam ... ... ... ... { R D	0°0 0	0°0 0	0°0 0	0°2 0	13°0 2	14°3 1	0°0 0	13°5 2	4°2 1	0°4 0	0°0 0	0°0 0	0°0 0	45°6 6
Akik ... ... ... ... { R D	10°7 3	14°0 3	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	0°0 0	17°2 4	19°6 2	61°5 12
Karora ... ... ... ... { R D	3°6 2	19°6 6	5°6 2	26°9 2	16°5 1	0°0 0	25°3 1	1°3 1	0°0 0	2°4 0	110°0 8	2°0 1	213°2 25	
Khashm el Girba... ... ... { R D	—	—	—	—	21°2 2	3°3 3	127°2 6	190°0 10	40°7 2	0°0 0	0°0 0	0°0 0	0°0 0	Readings taken during flood only.
Gedaref ... ... ... ... { R D	0°0 0	0°0 0	0°6 0	48°7 4	89°7 8	50°4 7	164°1 14	175°6 16	46°7 5	23°0 3	0°0 0	0°0 0	0°0 0	598°8 57
Abu Deleig ... ... ... ... { R D	0°0 0	0°0 0	1°5 1	2°6 3	21°7 3	0°0 0	22°8 2	36°5 6	6°4 2	3°6 1	0°0 0	0°0 0	0°0 0	95°2 16
Khartoum Irrign... ... ... { R D	0°0 0	0°0 0	13°5 1	Drops 0	7°7 1	1°2 1	17°4 2	44°3 6	1°7 0	9°5 1	0°0 0	0°0 0	0°0 0	95°3 13
Kamlin ... ... ... ... { R D	0°0 0	0°0 0	33°6 2	3°0 1	46°0 3	21°0 4	24°0 3	85°4 9	9°4 1	0°0 0	0°0 0	0°0 0	0°0 0	222°4 23

## RAINFALL 1928 (continued).

**R** is rainfall in millimetres.**D** is number of days with at least one millimetre of rain.

## STATION.

		January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
<b>Sudan (contd.).</b>														
Rufaca ... ... ... ... {	R D	0·0	0·0	0·0	0·4	0·0	15·8	90·0	47·0	28·0	0·0	0·0	0·0	181·2
Hassa Heissa ... ... ... {	R D	0·0	0·0	0·0	1·8	23·4	10·5	40·8	23·8	6·4	0·0	0·0	0·0	106·7
Wad Medani (Irrig.) ... ... {	R D	0·0	0·0	1·2	5·8	11·2	6·4	30·1	191·5	24·9	5·5	0·0	0·0	285·6
Managil ... ... ... ... {	R D	0·0	0·0	41·8	0·0	34·2	9·4	73·5	147·4	31·0	2·0	0·0	0·0	310·3
Hag Abdalla ... ... ... ... {	R D	0·0	0·0	0·9	4·6	33·4	42·4	83·4	118·8	31·3	17·9	0·0	0·0	347·7
Wad Haddad ... ... ... ... {	R D	0·0	0·0	40·7	11·2	101·5	49·9	140·8	104·6	34·6	0·0	0·0	0·0	483·3
Mafaza ... ... ... ... ... {	R D	—	—	—	—	58·6	52·9	140·3	285·8	72·0	18·3	c·0	0·0	Readings taken during flood only.
Sennar ... ... ... ... ... {	R D	0·0	0·0	2·7	23·5	45·0	38·3	132·3	334·5	23·0	0·0	0·0	0·0	500·3
Abu Hashim ... ... ... ... {	R D	—	—	—	—	—	—	155·6	282·8	10·0	35·2	0·0	—	Readings taken during flood only.
Karkoj ... ... ... ... ... {	R D	0·0	0·0	6·0	3·3	135·7	30·3	144·3	149·7	37·1	10·2	0·0	0·0	525·6
Dar Fung ... ... ... ... ... {	R D	0·0	0·0	6·8	61·6	164·4	103·3	106·7	300·5	127·1	89·5	9·2	0·0	1050·1
Kurmuk ... ... ... ... ... {	R D	0·0	0·0	26·8	37·7	120·2	143·0	122·8	242·5	138·2	30·8	0·0	0·0	862·0
Geteina ... ... ... ... ... {	R D	0·0	0·0	0·0	10·5	0·6	0·0	3·5	21·5	35·5	0·0	0·0	0·0	71·0
Kawa ... ... ... ... ... ... {	R D	0·0	0·0	Drops	10·1	39·6	23·5	185·2	78·2	27·0	14·5	0·0	0·0	378·1
Kosti ... ... ... ... ... ... {	R D	0·0	0·0	13·5	24·7	53·6	23·4	177·7	198·2	20·7	18·0	0·0	0·0	529·8
Renk ... ... ... ... ... ... {	R D	0·0	0·0	5·3	45·9	43·2	77·9	66·4	207·7	63·4	32·5	0·0	0·0	542·3
Melut ... ... ... ... ... ... {	R D	0·0	0·0	0·0	52·2	82·6	76·5	97·5	95·4	87·0	94·8	0·0	0·0	586·0
Kodok ... ... ... ... ... ... {	R D	0·0	0·0	0·0	60·5	67·8	205·1	214·8	101·3	114·8	66·4	0·0	0·0	830·7
Tonga ... ... ... ... ... ... {	R D	0·0	12·7	20·2	85·9	95·4	165·3	156·3	302·0	155·0	68·2	3·2	0·0	1064·2
Bara ... ... ... ... ... ... {	R D	0·0	0·0	0·0	0·0	1·5	4·0	54·2	98·3	4·4	0·0	0·0	0·0	162·4
Om Ruaba ... ... ... ... ... {	R D	0·0	0·0	0·0	0·5	11·6	32·2	125·4	222·1	8·0	3·0	0·0	0·0	402·8
El Nahud ... ... ... ... ... {	R D	0·0	0·0	0·0	30·0	89·0	79·3	55·2	165·5	99·1	4·0	0·0	0·0	513·1
Al Rahad ... ... ... ... ... {	R D	0·0	0·0	0·0	11·7	12·0	42·1	61·8	126·0	22·4	1·1	0·0	0·0	278·0
Rashad ... ... ... ... ... ... {	R D	0·0	0·0	8·6	60·1	31·6	126·5	163·8	107·8	175·5	59·5	0·0	0·0	823·4
Dilling ... ... ... ... ... ... {	R D	0·0	0·0	7·6	44·7	72·0	72·7	150·6	151·2	81·2	12·6	0·0	0·0	592·6
Nyala ... ... ... ... ... ... {	R D	0·0	0·0	12·2	38·5	63·6	68·9	147·6	187·0	38·9	1·0	0·0	0·0	557·7
Kedugli ... ... ... ... ... ... {	R D	0·0	0·0	0·0	110·1	40·5	85·5	254·9	101·2	150·8	25·0	0·0	0·0	768·0
Talodi ... ... ... ... ... ... {	R D	0·0	0·0	11·3	87·8	105·4	155·3	145·7	157·6	151·9	68·7	0·0	0·0	883·7
Abwong ... ... ... ... ... ... {	R D	0·0	0·0	23·4	58·8	137·5	97·8	101·8	115·1	173·2	120·8	1·0	0·0	849·4
		0	0	3	5	10	6	7	8	7	5	1	0	52

## RAINFALL 1928 (continued).

**R** is rainfall in millimetres.**D** is number of days with at least one millimetre of rain.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
<b>Sudan. (Contd.).</b>														
Nasser ... ... ... ...	R D	5·4 1	0·0 0	20·2 6	31·9 6	91·5 7	119·6 12	94·6 10	102·0 10	48·4 6	16·0 3	0·1 0	0·0 0	538·7 61
Akobo Post ... ... ... ...	R D	8·0 2	0·0 0	11·3 5	158·9 10	68·2 9	108·1 8	103·2 8	129·1 10	88·1 7	103·0 3	24·0 3	0·0 0	801·9 65
Pibor Post ... ... ... ...	R D	25·0 1	3·0 1	18·3 1	230·9 6	216·4 8	160·1 9	102·5 7	52·0 3	156·4 10	59·6 7	78·8 6	8·3 2	1111·3 61
Mesehra el Rek ... ... ... ...	R D	0·0 0	0·0 0	20·0 2	38·0 1	16·6 2	203·0 5	93·1 5	78·7 6	93·3 8	112·5 11	0·0 0	0·0 0	715·2 40
Rumbek ... ... ... ...	R D	0·0 0	0·0 0	28·2 4	135·8 10	40·3 14	131·8 8	257·7 13	150·5 12	211·1 7	52·5 3	5·0 1	0·0 0	1378·9 72
Meridi ... ... ... ...	R D	2·4 2	23·3 3	85·7 0	221·4 15	284·0 17	166·6 15	156·8 13	206·9 11	70·1 5	120·6 6	72·6 5	5·0 1	1415·4 99
Yambio ... ... ... ...	R D	3·0 1	21·0 2	88·0 5	107·7 10	107·2 12	122·2 13	100·5 10	144·0 14	52·2 8	114·0 7	54·0 3	0·0 0	1003·8 85
Fangak ... ... ... ...	R D	0·0 0	0·0 0	26·6 3	106·8 9	163·8 11	183·8 9	138·2 5	273·4 15	148·3 9	183·7 8	12·2 1	0·0 0	1236·8 70
Ghaba Shambé ... ... ... ...	R D	0·0 0	0·0 0	12·5 3	111·0 8	270·2 9	70·7 4	149·2 8	57·7 5	112·1 6	76·8 6	7·4 1	0·0 0	867·6 50
Bor ... ... ... ...	R D	9·1 1	5·4 2	69·3 4	91·7 8	226·8 10	133·0 4	100·6 3	109·4 8	111·4 4	136·0 7	14·7 2	Drops 0	1007·4 53
Malek ... ... ... ...	R D	5·5 4	0·5 0	81·5 3	140·7 9	116·4 13	120·9 6	90·3 7	174·7 12	112·1 8	165·8 5	26·4 3	0·5 0	1044·3 70
Terrikaka ... ... ... ...	R D	0·0 0	2·0 1	52·6 5	204·5 11	212·9 13	214·5 5	125·1 6	155·0 8	139·2 6	250·6 7	8·6 2	0·0 0	1365·0 64
Amadi ... ... ... ...	R D	0·0 0	33·5 2	32·5 3	236·0 9	190·5 14	149·0 9	221·0 8	142·5 11	101·0 11	202·0 9	12·5 3	0·0 0	1320·5 79
Rejaf ... ... ... ...	R D	7·0 1	0·0 0	95·6 5	185·1 8	274·4 12	76·1 3	70·6 7	76·6 4	94·2 5	249·0 10	30·5 3	6·6 1	1165·7 59
Yei ... ... ... ...	R D	0·8 0	3·4 1	43·9 7	326·0 20	321·9 20	150·1 16	126·5 12	156·9 13	61·3 11	245·6 12	112·9 13	0·0 0	1549·3 125
Kajo Kaji ... ... ... ...	R D	9·0 2	2·4 1	58·7 7	308·2 22	345·4 23	155·9 12	123·4 11	204·5 11	110·8 11	282·7 10	8·9 6	2·3 1	1691·2 117
Nimule ... ... ... ...	R D	3·1 1	Drops 0	73·2 5	112·6 11	382·9 17	88·7 8	221·2 9	171·6 12	208·8 7	120·8 11	125·4 10	14·9 2	1523·2 93
Mestra Surur ... ... ... ...	R D	3·1 1	Drops 0	59·6 7	110·2 10	281·5 16	61·8 7	203·5 9	115·8 10	138·7 7	118·0 10	138·5 8	4·3 2	1235·0 87
<b>Abyssinia.</b>														
Adis Ababa ... ... ... ...	R D	7·1 3	4·5 1	44·4 4	81·2 8	200·6 11	124·9 23	282·8 24	400·1 30	101·6 17	55·1 4	40·2 5	0·0 0	1342·5 130
Adami Tullu ... ... ... ...	R D	13·4 2	0·0 0	0·4 0	127·0 10	80·3 10	41·5 8	129·2 12	27·6 6	40·6 6	21·4 3	11·1 1	0·0 0	498·5 58
Goré ... ... ... ...	R D	32·4 4	29·9 5	120·5 11	200·4 20	306·9 23	345·3 24	225·2 20	440·5 25	232·8 23	95·4 12	58·8 5	8·5 1	2193·6 173
Saiyo ... ... ... ...	R D	0·0 0	26·0 4	103·2 8	334·9 20	321·9 20	55·3 8	225·5 14	186·5 15	180·6 13	63·0 8	54·1 9	0·0 0	1560·0 119
Dangila ... ... ... ...	R D	0·0 0	1·6 0	27·5 5	152·8 19	202·7 17	178·0 24	339·4 28	261·8 27	143·3 17	77·8 10	62·5 5	0·0 0	1445·4 152
<b>Somaliland.</b>														
Djibouti ... ... ... ...	R D	0·0 0	0·0 0	0·0 0	15·5 1	Drops 0	0·0 0	Drops 0	0·0 0	0·0 0	0·0 0	71·0 2	Drops 0	86·5 3

**REPORT FOR 1929.**

## Differences from Normal by Districts.

1929.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
PRESSURE AT (8h) IN MILLIBARS.													
1. Mediterranean Coast ... ... ... ... ...	+0.8	-4.1	+1.4	+1.4	-1.5	+0.3	+0.9	0.0	0.0	+0.8	-0.4	-1.6	-0.2
2. Middle Egypt ... ... ... ... ...	+0.3	-3.8	+0.5	+0.9	-2.0	-0.4	+0.4	-0.4	-0.6	+0.2	-1.2	-2.0	-0.7
3. Upper Egypt... ... ... ... ...	-0.4	-2.7	-0.6	0.0	-1.9	-0.3	+0.7	0.0	-0.6	+0.4	-1.2	-0.8	-0.6
4. North Sudan... ... ... ... ...	-1.5	-2.5	-1.4	-0.9	-0.4	0.0	+1.3	+0.2	-0.7	-0.1	-1.0	+0.7	-0.5
5. Red Sea ... ... ... ... ...	+0.8	0.0	+1.9	+1.6	+1.2	+2.4	+3.2	+1.2	+1.7	+0.9	+0.1	+0.3	+1.3
6. Central Sudan ... ... ... ... ...	-2.0	-3.2	-1.9	-1.3	+0.3	-0.5	+0.4	-0.3	-0.7	-1.1	-1.7	-0.4	-1.0
7. South Sudan ... ... ... ... ...	-1.1	-1.0	-0.4	+0.4	+1.2	+0.2	+0.8	+0.2	0.0	+0.1	-0.4	+0.5	0.0
TEMPERATURE (MAXIMUM + MINIMUM) /2 IN DEGREES CENTIGRADE.													
1. Mediterranean Coast ... ... ... ... ...	-0.4	-1.4	-0.7	-0.7	+1.8	+0.3	+0.6	+1.0	+1.6	-0.4	+1.4	-0.4	+0.2
2. Middle Egypt ... ... ... ... ...	-0.5	-0.7	-1.1	-0.7	+2.8	+0.5	-0.3	+0.6	+1.7	-0.5	+0.9	-0.3	+0.2
3. Upper Egypt... ... ... ... ...	-0.7	-0.2	-1.0	-0.4	+3.6	+0.2	-0.5	+0.5	+1.8	-1.0	+1.2	-1.3	+0.2
4. North Sudan... ... ... ... ...	+0.6	+1.8	+1.4	+1.7	+2.2	+0.2	-2.2	0.0	+0.6	+0.6	+0.6	-2.5	+0.4
5. Red Sea ... ... ... ... ...	+0.6	+0.7	+0.3	+1.1	+2.4	+0.6	+1.1	+1.0	+0.8	+0.6	+0.4	-1.2	+0.7
6. Central Sudan ... ... ... ... ...	+0.6	+2.6	+2.0	+0.8	-0.4	-0.1	-1.2	-0.6	-0.2	+0.2	+0.4	-1.7	+0.2
7. South Sudan ... ... ... ... ...	+2.0	+1.8	+2.0	-0.2	-0.6	+0.2	-0.5	+0.2	+0.3	-0.4	-0.2	-1.4	+0.3
RAINFALL IN MILLIMETRES.													
1. Mediterranean Coast ... ... ... ... ...	+ 22	- 2	- 8	+ 1	0	0	0	0	- 1	+ 14	+ 24	+ 50	
2. Middle Egypt ... ... ... ... ...	0	- 2	- 4	+ 2	0	0	0	0	- 1	+ 10	+ 2	+ 7	
3 Upper Egypt... ... ... ... ...	0	0	0	+ 1	0	0	0	0	0	- 2	+ 11	+ 10	
4. North Sudan... ... ... ... ...	0	0	0	+ 1	+ 4	+ 2	+ 56	+ 12	- 14	- 1	0	0	+ 60
5. Red Sea ... ... ... ... ...	0	- 4	- 1	+ 11	0	- 3	+ 8	+ 3	- 2	- 13	- 19	- 15	- 35
6. Central Sudan ... ... ... ... ...	0	0	- 1	+ 7	+ 32	+ 15	+ 72	+ 25	+ 24	- 2	- 1	0	+ 171
7. South Sudan ... ... ... ... ...	- 1	+ 1	- 14	+ 18	+ 21	+ 4	- 10	- 3	- 5	+ 22	+ 4	+ 8	+ 45

**MONTHLY SUMMARIES  
1929.**

**Summary of Meteorological Observations** $\varphi = 31^\circ 12' \text{ N.}$     $\lambda = 29^\circ 53' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE).										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1929</b>																			
January ... ... ...	1014.8	12.7	16.2	13.5	13.2	17.9	10.2	23.0	4	7.0	25	77	68	75	76	11.2	12.4	11.6	11.7
February ... ... ...	9.0	11.7	16.3	13.4	12.7	18.0	9.4	25.4	27	7.6	6	80	68	78	79	10.9	12.1	11.6	11.5
March ... ... ...	13.0	14.5	18.3	14.5	14.8	20.3	11.9	27.4	2	9.4	5	66	59	69	68	11.1	12.0	11.5	11.5
April ... ... ...	11.5	16.9	20.7	16.9	17.0	23.2	13.7	35.4	24	10.0	22	74	65	75	74	13.9	15.2	14.0	14.4
May ... ... ...	8.0	22.7	26.2	21.9	22.5	29.0	19.1	39.0	13	17.4	1	72	63	78	75	19.5	20.1	19.9	19.8
June ... ... ...	8.6	24.4	26.5	23.3	24.0	28.5	21.6	36.0	6	18.5	1	77	73	85	81	23.2	25.1	24.1	24.1
July ... ... ...	6.3	25.2	27.7	24.6	25.2	29.1	23.3	30.9	28	22.0	25	78	70	82	80	24.7	25.8	25.2	25.2
August ... ... ...	6.0	26.8	29.1	25.0	26.6	30.6	24.6	31.7	20	22.5	2	77	72	84	80	26.8	28.9	27.9	27.9
September ... ... ...	9.5	26.0	29.6	25.2	26.0	31.6	23.0	41.3	27	20.8	24	72	60	75	74	24.0	24.5	23.9	24.1
October ... ... ...	12.7	22.3	25.7	22.0	22.4	27.7	19.5	32.4	27	15.3	18	72	63	74	73	19.4	20.7	19.5	19.9
November ... ... ...	12.6	20.6	24.0	20.3	20.7	26.1	17.8	29.4	10, 11, 21	13.5	27	74	63	76	75	17.8	18.7	17.8	18.1
December ... ... ...	12.3	13.9	18.3	15.5	14.9	19.9	11.9	24.8	5	6.6	27	75	62	69	72	11.9	12.8	12.0	12.2
YEAR ... ...	1010.4	19.8	23.2	19.8	20.0	25.2	17.2	—	—	—	—	74	66	77	76	17.9	19.0	18.2	18.4

**Summary of Meteorological Observations** $\varphi = 30^\circ 51' \text{ N.}$     $\lambda = 31^\circ 7' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1929</b>																			
January ... ... ...	1017.0	7.7	17.5	10.2	9.9	18.9	4.2	23.8	3	0.8	24, 25	85	60	84	84	8.9	11.7	10.4	10.3
February ... ... ...	12.3	9.3	18.0	10.8	10.7	19.3	4.7	26.0	27	1.3	6	85	59	84	84	9.9	11.9	10.7	10.8
March ... ... ...	15.2	12.7	21.3	12.7	13.3	22.3	6.4	30.0	28	3.3	12, 20	81	49	81	81	11.7	12.8	11.9	11.9
April ... ... ...	13.6	17.2	26.2	15.9	17.1	27.2	9.0	38.5	30	5.6	11	70	38	71	70	13.6	12.5	12.5	12.9
... ... ...	10.0	24.8	34.0	23.2	24.2	35.2	14.7	41.6	5	9.1	2	60	36	65	62	18.4	18.7	18.4	18.5
June ... ... ...	10.3	25.8	35.1	25.0	25.6	35.9	16.7	40.2	6	14.3	5	68	39	74	71	22.0	21.6	23.1	22.2
July ... ... ...	8.2	26.3	35.2	25.8	26.4	36.1	18.4	39.0	9	15.7	15	73	38	71	72	24.8	21.3	23.4	23.2
August ... ... ...	8.0	26.9	35.2	26.3	27.1	36.0	19.0	37.8	18	17.9	26	75	40	74	74	26.5	22.4	24.9	24.6
September ... ... ...	11.6	25.3	33.7	24.5	25.4	34.7	17.9	42.7	27	15.6	18	75	43	76	76	24.0	22.0	23.2	23.1
October ... ... ...	15.0	20.9	28.8	19.5	20.8	29.9	14.0	33.6	30	11.7	15	73	50	79	76	17.8	19.5	17.7	18.3
November ... ... ...	14.8	17.2	25.9	17.3	18.2	27.1	12.2	31.2	4	8.5	18	86	56	85	86	16.8	18.5	16.7	17.3
December ... ... ...	15.4	10.3	19.4	12.7	12.4	20.7	7.2	26.1	5	3.1	28, 29	84	61	85	84	10.5	13.6	12.4	12.2
YEAR ... ...	1012.6	18.7	27.5	18.7	19.3	28.6	12.1	—	—	—	—	76	47	77	77	17.1	17.3	17.1	17.1

## at ALEXANDRIA (Komm el Nadura) for the year 1929.

$H = 32$  m.  $h_t = 1.7$  m.  $h_r = 2.0$  m.  $C_h = + 3.7$  m.b.

CLOUD AMOUNT (0-10)				RAINFALL (mm.)		DAYS WITH		WIND										EVAPORATION mm. per day	
S.	14 h.	20 h.	Mean	Total	Maximum 1 day	$\geq 0.1$	$\geq 1.0$	VELOCITY		DIRECTION								Piche	
				mm.	mm.	mm.	mm.	Mean of day	Kms. per hour.	N	NE	E	SE	S	SW	W	NW		
				Amount	Date	of rain	mm.												
6.1	6.0	5.2	5.8	79.0	17.0	7	12	12	17.6	11	9.5	5.5	5.5	20.5	11	20.5	15.5	4	3.39
6.2	5.9	3.8	5.3	28.0	9.0	4	8	8	21.3	5.5	2	5	8.5	12.5	10.5	18	22	0	4.46
6.4	5.9	4.2	5.5	2.0	1.0	8,31	2	2	17.9	23	11	12.5	7	4.5	2	8.5	24.5	0	4.44
4.3	3.3	2.9	3.5	13.0	8.0	20	2	2	15.4	17.5	15	11.5	7.5	7.5	5.5	8.5	15	2	4.10
3.8	4.2	2.5	3.5	Drops	Drops	20,27	0	0	12.4	22.5	22.5	7.5	8.5	6	2	6.5	11.5	6	4.19
3.0	1.8	2.1	2.3	0.0	0.0	—	0	0	11.0	35	16	3.5	1	2	1.5	4	24	3	3.64
2.8	1.6	2.0	2.1	0.0	0.0	—	0	0	16.8	34.5	2.5	0	0	0	0	7	49	0	4.22
3.5	2.3	2.7	2.8	0.0	0.0	—	0	0	15.1	34	2.5	0	0	0	0	10	44.5	2	4.25
3.8	2.4	1.3	2.5	Drops	Drops	8,30	0	0	12.9	20.5	18.5	5	7	3	2.5	4.5	18	5	4.97
5.5	4.2	2.6	4.1	5.5	3.6	17	2	2	14.1	31	17	2.5	3	2	7.5	4.5	19.5	6	4.55
5.5	5.2	3.2	4.6	35.4	22.3	26	6	4	12.9	20	12.5	9.5	3	4	3	8.5	24.5	5	3.60
6.9	6.6	3.8	5.8	85.0	25.2	10	13	10	11.3	4.5	3.5	7.5	4	15	27.5	11	9	11	3.09
4.8	4.1	3.0	4.0	247.9	—	—	45	40	14.9	265	132.5	70	55	67	73	111.5	277	44	4.08

## at QURASHIYA for the year 1929.

$H = 7.6$  m.  $C_h = + 0.9$  m.b.

CLOUD AMOUNT (0-10)				RAINFALL (mm.)		DAYS WITH		WIND										EVAPORATION mm. per day	
S.	14 h.	20 h.	Mean	Total	Maximum 1 day	$\geq 0.1$	$\geq 1.0$	VELOCITY		DIRECTION								Piche	
				mm.	mm.	mm.	mm.	Mean of day	Kms. per hour.	N	NE	E	SE	S	SW	W	NW		
				Amount	Date	of rain	mm.												
4.5	3.9	2.3	3.6	13.0	3.8	10	9	6	4.4	0	0	2	5	4.5	20.5	2	7	52	1.49
3.3	4.3	1.7	3.1	6.5	4.2	4	5	2	7.7	0	1	0	13	7.5	25.5	3.5	5.5	28	2.79
3.2	3.7	1.5	2.8	1.4	1.1	8	3	1	3.6	0	7	0	17.5	4	20.5	1	12	41	3.03
1.9	1.9	0.8	1.5	4.8	4.8	20	1	1	2.4	0	2	0	5	3.5	7	1.5	12	59	4.05
2.5	1.9	0.5	1.3	0.9	0.9	30	1	0	1.7	0	0	0	7	0	9	0	7	70	6.44
1.3	0.7	0.1	0.7	0.0	0.0	—	0	0	1.9	0	1	0	7	1	6	6	3	66	6.66
2.6	0.9	0.0	1.2	0.0	0.0	—	0	0	3.3	0	4	0	4	4	24	3	7	47	6.47
2.4	1.2	0.0	1.2	0.0	0.0	—	0	0	2.0	0	0	0	1	2.5	20.5	0	3	60	5.15
0.9	1.4	0.0	0.8	0.0	0.0	—	0	0	0.6	0	0	0	9	1	5	0	0	75	4.95
2.1	2.7	0.3	1.7	Drops	Drops	18,19	0	0	1.5	0	2	0	3	0	9.5	1.5	3	74	3.37
4.1	3.7	2.0	3.3	26.0	12.0	26	5	4	1.4	0	2	0	1	0	6	4.5	3.5	73	2.98
5.0	4.5	1.7	3.7	9.8	3.1	14	7	4	2.0	0	1	0	2.5	3.5	25.5	1.5	4	65	2.54
2.7	3.6	0.9	2.1	62.4	—	—	31	18	2.7	0	20	2	75	3.5	165	24.5	67	70	3.96

**Summary of Meteorological Observations** $\varphi = 30^\circ 3' \text{ N.}$     $\lambda = 31^\circ 15' \text{ E. of Greenwich.}$ 

MONTH.	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)												RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean		
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
<b>1929</b>																					
January ... ... ...	1016.4	9.1	18.2	12.5	11.7	19.4	7.1	25.0	29	8.4	16,24	81	48	74	78	9.5	9.9	10.7	10.0		
February ... ... ...	11.2	9.8	19.4	13.6	12.4	20.5	7.0	28.0	27	4.2	12	71	40	60	66	8.4	8.8	9.3	8.8		
March ... ... ...	13.8	12.5	22.4	16.1	15.0	23.5	9.2	31.8	7,28	6.2	10	74	42	65	70	10.7	10.9	11.7	11.1		
April ... ... ...	12.2	16.9	27.1	20.0	19.1	28.2	12.3	38.4	30	7.8	11	70	35	58	64	13.1	11.9	13.3	12.8		
May ... ... ...	8.3	24.4	34.4	27.5	26.2	35.5	18.7	42.2	5	15.0	2	61	31	47	54	18.1	16.4	17.1	17.2		
June ... ... ...	8.7	25.4	34.3	28.6	27.0	35.3	19.9	39.2	25	18.0	16	66	32	47	56	20.9	16.8	18.1	18.6		
July ... ... ...	7.0	24.9	33.7	28.8	27.1	34.9	21.1	38.0	10	19.4	18	74	37	49	62	23.0	19.0	19.2	20.4		
August ... ... ...	6.6	25.7	34.3	29.2	27.9	35.1	22.4	37.2	1	20.6	26,29	77	40	56	66	24.9	20.9	22.5	22.8		
September ... ... ...	9.9	—	33.3	26.8	—	34.1	20.5	41.2	27	17.8	11	—	41	63	—	—	20.3	21.8	—		
October ... ... ...	13.4	19.4	28.6	22.0	21.7	29.7	16.7	32.8	27,28	15.0	4	77	40	63	70	17.1	15.6	16.5	16.4		
November ... ... ...	13.4	16.7	25.4	19.4	19.1	26.7	15.0	32.0	1	12.3	26	85	49	72	78	16.1	15.5	16.1	15.9		
December ... ... ...	14.4	10.6	18.6	13.6	13.0	20.3	9.1	26.0	5	5.2	30	81	55	75	78	10.4	11.5	11.5	11.1		
YEAR ... ... ...	1011.3	—	27.5	21.5	—	28.6	14.9	—	—	—	—	41	61	—	—	14.8	15.6	—	—		

**Summary of Meteorological Observations** $\varphi = 30^\circ 2' \text{ N.}$     $\lambda = 31^\circ 13' \text{ E. of Greenwich.}$ 

MONTH.	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)												RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean		
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
<b>1929</b>																					
January ... ... ...	1016.6	7.9	18.0	11.7	10.6	18.9	4.9	24.2	29	-0.6	16	86	46	73	80	9.3	9.5	10.1	9.6		
February ... ... ...	11.4	9.6	19.3	12.9	11.7	20.2	5.0	26.1	15	0.6	12	71	36	58	64	8.3	7.7	8.4	8.1		
March ... ... ...	13.8	12.4	21.6	15.9	14.1	22.9	6.6	31.7	28	3.9	22	77	36	58	68	10.9	8.8	10.3	10.0		
April ... ... ...	11.9	17.0	26.8	19.7	18.4	28.0	10.3	39.0	25	6.5	3	68	30	52	60	12.8	9.5	11.5	11.3		
May ... ... ...	8.2	24.1	34.5	27.6	25.6	35.6	16.3	43.8	5	11.9	2	57	21	39	48	16.4	10.7	13.7	13.6		
June ... ... ...	8.6	25.1	33.8	28.4	26.3	34.8	17.9	38.9	25	16.1	9	65	28	42	54	20.1	14.3	16.1	16.8		
July ... ... ...	6.7	24.9	33.4	28.1	26.4	34.4	19.8	38.2	10	16.0	18,27	75	34	52	64	23.6	16.9	19.0	19.8		
August ... ... ...	6.6	25.5	33.6	28.2	26.9	34.5	20.4	36.7	5	17.3	5	77	38	59	68	24.8	19.4	22.1	22.1		
September ... ... ...	9.9	24.1	32.7	26.7	25.4	33.5	18.3	42.9	27	15.8	23	79	40	61	70	23.2	19.4	20.8	21.1		
October ... ... ...	13.4	20.0	28.3	21.5	21.0	29.1	14.3	34.0	27	11.0	16	77	39	66	73	17.6	14.3	16.7	16.3		
November ... ... ...	13.4	16.6	25.0	19.4	18.6	25.8	13.4	29.0	1	9.2	18	93	50	75	84	17.2	15.5	16.7	16.5		
December ... ... ...	14.4	10.1	18.8	12.8	12.4	20.0	7.7	26.5	5	3.0	28	90	56	82	86	11.1	11.7	12.0	11.6		
YEAR ... ... ...	1011.2	18.1	27.2	21.1	19.8	28.1	13.8	—	—	—	76	38	60	68	16.3	13.4	14.8	14.7			

## at CAIRO (Embeikiya) for the year 1929.

 $H = 20.5 \text{ m.}$   $C_b = + 2.4 \text{ m.b.}$ 

CLOUD AMOUNT (0-10)				RAINFALL (mm.)			DAYS WITH		WIND										EVAPORATION mm. per day. Piche				
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm.	$\geq 1.0$ mm.	FORCE		DIRECTION										Piche		
					Amount	Date			Mean of day	Scale 0-12	Number of Observations in which the Wind-Direction was recorded as												
											N	NE	E	SE	S	SW	W	NW	Calm				
3.4	4.0	2.8	3.4	3.0	1.8	11	2	2	—	—	—	—	—	—	—	—	—	—	—	2.08			
3.2	3.0	1.8	2.7	0.5	0.5	2	1	0	—	—	—	—	—	—	—	—	—	—	—	3.29			
3.8	3.3	0.9	2.7	Drops	Drops	Several Dates.	0	0	—	—	—	—	—	—	—	—	—	—	—	3.53			
3.0	2.1	1.3	2.1	7.2	7.2	20	1	1	—	—	—	—	—	—	—	—	—	—	—	4.66			
1.6	3.0	1.5	2.0	2.2	2.2	30	1	1	—	—	—	—	—	—	—	—	—	—	—	6.70			
0.8	0.3	0.0	0.4	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	—	6.34			
2.8	0.0	0.0	0.9	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	—	5.42			
3.5	0.0	0.0	1.2	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	—	5.08			
1.9	0.7	0.1	0.9	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	—	4.67			
1.7	1.5	0.3	1.2	0.0	0.0	—	0	0	—	—	—	—	—	—	—	—	—	—	—	3.89			
4.3	2.3	0.8	2.4	1.7	0.8	29	4	0	—	—	—	—	—	—	—	—	—	—	—	2.53			
3.5	4.6	2.5	3.5	11.9	3.0	15	6	5	—	—	—	—	—	—	—	—	—	—	—	1.70			
2.8	2.1	1.0	2.0	26.5	—	—	15	9	—	—	—	—	—	—	—	—	—	—	—	4.16			

## at GIZA for the year 1929.

 $H = 21.3 \text{ m.}$  $h_t = 1.9 \text{ m.}$  $C_b = + 2.5 \text{ m.b.}$ 

CLOUD AMOUNT (0-10)				RAINFALL (mm.)			DAYS WITH		WIND										EVAPORATION mm. per day. Piche					
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm.	$\geq 1.0$ mm.	Velocity.		DIRECTION										Piche			
					Amount	Date			Mean of day	Kms. per hour.	Number of Observations in which the Wind-Direction was recorded as											Piche		
											N	NE	E	SE	S	SW	W	NW	Calm					
5.0	4.5	2.2	3.9	0.7	0.7	22	1	0	8.3	28	5.5	0.5	13.5	3	9	5	9.5	19	3.74					
4.0	4.2	1.6	3.3	Drops	Drops	Several Dates.	0	0	10.9	9	3.5	0	10.5	13	12.5	12	4.5	19	6.43					
5.4	5.3	1.4	4.0	Drops	Drops	Several Dates.	0	0	10.1	34	7.5	0.5	5	6.5	1.5	5.5	18.5	14	6.60					
3.9	3.2	0.7	2.6	5.8	5.8	20	1	1	11.4	35	14.5	0.5	7.5	2.5	1.5	3.5	16	9	9.09					
3.4	5.2	2.3	3.6	3.5	3.5	30	1	1	8.8	42.5	12	0.5	1	0	1	2	20	14	12.43					
2.1	1.0	0.1	1.1	0.0	0.0	—	0	0	10.9	50	12.5	0	0	0	1	0	18.5	8	11.94					
4.4	0.0	0.0	1.5	0.0	0.0	—	0	0	9.7	51.5	1.5	0.5	0.5	0	0	2.5	33.5	3	9.31					
5.4	0.2	0.0	1.9	0.0	0.0	—	0	0	12.0	60.5	9	0	0	0	0.5	1.5	20.5	1	7.85					
2.5	1.0	0.2	1.2	0.0	0.0	—	0	0	10.2	46	7	0	1.5	1	0.5	0	17	17	7.48					
2.5	3.5	0.4	2.1	0.0	0.0	—	0	0	9.2	41	11.5	0.5	3.5	3.5	3	2.5	10.5	17	6.02					
5.9	4.0	1.1	3.7	1.0	0.5	26	3	0	9.4	43	12	0	2.5	0.5	2	4.5	9.5	16	4.26					
5.1	5.8	2.5	4.5	10.6	3.3	16	6	5	7.2	10.5	3	0.5	17	14	7	1.5	9.5	30	3.00					
4.1	3.2	1.0	2.8	21.6	—	—	12	7	9.8	451	99.5	3.5	62.5	44	39.5	40.5	187.5	167	7.35					

## Summary of Meteorological Observations

 $\varphi = 15^{\circ} 37' \text{ N.}$   $\lambda = 32^{\circ} 33' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1929</b>																			
January	967.1	18.8	30.4	24.7	22.5	30.8	16.1	35.1	18	12.8	23	29	19	24	26	6.5	8.3	7.9	7.3
February	65.0	21.3	33.6	27.1	24.9	34.5	17.7	42.5	17	12.7	4	18	8	12	15	4.7	4.8	4.5	4.7
March	64.4	24.2	36.7	30.1	27.6	37.2	19.6	41.8	8	15.6	12	14	8	10	12	4.4	4.8	4.1	4.4
April	63.0	29.7	39.8	32.9	31.6	40.5	24.0	45.0	9	17.9	24	15	9	12	14	6.5	6.3	6.3	6.4
May	64.2	31.6	40.5	34.0	33.3	41.8	27.0	45.0	20	19.9	11	37	16	27	32	16.5	12.4	13.2	14.0
June	64.4	31.5	39.4	34.4	33.0	41.3	26.5	43.7	20	22.1	24	37	17	24	30	16.7	12.0	12.9	13.9
July	66.4	27.0	33.7	28.4	28.1	35.8	23.4	39.1	5	19.9	2	70	41	64	67	24.4	20.8	23.9	23.0
August	65.6	27.4	34.9	30.0	29.2	35.9	24.3	39.7	20	19.2	12	66	38	57	62	23.8	20.5	23.5	22.6
September	64.8	29.3	37.3	31.8	31.0	38.1	25.4	41.8	26	21.4	22	55	28	41	48	22.1	17.1	19.0	19.4
October	64.8	29.3	38.2	32.2	31.2	39.0	25.0	41.5	4	22.1	25	32	17	25	28	12.8	11.5	12.0	12.1
November	65.8	25.2	34.5	27.8	27.1	35.0	20.9	39.4	1	13.3	29	35	16	26	30	10.9	9.1	9.6	9.9
December	68.7	17.2	27.9	22.0	20.2	28.2	13.8	35.7	6	8.4	27	34	16	23	28	6.5	6.0	6.1	6.2
YEAR	965.4	26.0	35.6	29.6	28.3	36.5	22.0	—	—	—	—	37	19	29	33	13.0	11.1	11.9	12.0

## at KHARTOUM (Gordon College) for the year 1929.

H = 390 m. h<sub>t</sub> = 1.8 m. C<sub>h</sub> = + 43.0 m.b.

CLOUD AMOUNT (0-10)				RAINFALL (mm.)		DAYS WITH		WIND										EVAPORATION mm. per day	
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm.	$\geq 1.0$ mm.	VELOCITY		DIRECTION								Piche
					Amount	Date			Mean of day	Kms. per hour.	N	NE	E	SE	S	SW	W	NW	
				mm.															
0.3	1.0	0.0	0.4	0.0	0.0	—	0	0	4.7	63	13.5	0	0	0	1	9.5	6	15.86	
1.1	0.7	0.2	0.7	0.0	0.0	—	0	0	3.7	45.5	22.5	0.5	0	0	0	4.5	11	18.84	
0.1	0.4	0.1	0.2	0.0	0.0	—	0	0	4.0	40.5	31.5	0	0	0	0	3	18	22.63	
0.9	1.6	1.1	1.2	Drops	Drops	9, 10	0	0	5.1	32.5	22	3.5	3	0.5	4.5	4	6	14	22.80
4.1	3.3	2.8	3.4	6.1	3.1	10	2	2	6.9	8	2.5	5.5	4.5	13.5	33.5	12	4.5	9	18.55
2.9	2.3	1.6	2.3	8.9	7.7	30	2	2	6.7	5.5	3.5	0.5	0.5	12	30.5	17	9.5	11	19.18
5.9	4.5	5.5	5.3	165.3	44.5	31	13	11	7.8	3	2	1.5	3.5	24	42.5	11	2.5	3	9.41
4.0	2.5	3.2	3.2	70.1	30.5	6	4	4	6.4	0	1	0	1.5	18.5	54.5	9.5	2	6	10.17
2.9	2.5	1.3	2.2	3.5	3.5	21	1	1	2.7	0.5	2.5	2	1.5	11	29	20.5	4	19	12.28
2.1	1.5	0.6	1.4	Drops	Drops	Several Dates	0	0	3.5	26.5	23	10.5	3.5	3	6.5	6	3	11	16.73
0.2	0.3	0.1	0.2	0.0	0.0	—	0	0	4.1	44.5	30.5	3.5	0.5	0	0	0.5	6.5	4	15.65
0.2	0.2	0.0	0.1	0.0	0.0	—	0	0	4.7	46	43	0	0	0	0	0	0	4	13.88
2.1	1.7	1.4	1.7	253.9	—	—	22	20	5.0	315.5	197.5	27.5	18.5	82.5	201	81.5	55	116	16.33

**SHORT MONTHLY SUMMARIES**  
**1929.**

## CANDIA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. (%)	VAPOUR PRESSURE. (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Mean (%)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.
<b>1929</b>											
January	1013.9	11.6	15.2	7.9	69	8.8	7.0	86.5	12	2.7	—
February	7.5	10.2	13.9	6.6	72	8.4	8.2	125.4	17	2.9	—
March	14.7	12.4	16.5	8.3	66	9.1	7.5	52.6	7	2.5	—
April	10.3	17.2	22.7	11.6	50	9.6	5.2	13.5	5	2.8	—
May	8.0	22.3	27.6	17.0	58	16.0	4.8	Drops	0	1.7	—
June	9.8	23.7	28.5	18.9	62	19.0	1.6	Drops	0	1.7	—
July	9.0	25.5	29.8	21.2	61	20.9	0.9	0.0	0	2.9	—
August	7.4	26.6	31.6	21.5	64	23.9	0.7	0.0	0	2.4	—
September	11.6	22.9	27.3	18.5	70	19.8	5.7	151.9	13	2.5	—
October	13.0	20.6	25.7	15.5	70	15.9	5.0	116.5	6	2.3	—
November	13.6	18.6	23.1	14.0	67	13.9	6.4	33.4	4	2.2	—
December	12.4	14.2	18.4	10.0	79	12.1	7.6	107.8	15	1.9	—
YEAR	1010.9	18.8	23.4	14.2	66	14.8	5.0	687.6	79	2.4	—

Absolute Max. 37.6 °C.

Absolute Min. 2.6 °C.

Max. Rain in 1 day 56.5 mms.

## NICOSIA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (%)	8 h. (m.b.)	8 h. (0-10)	
<b>1929</b>											
January	998.0	8.7	13.1	4.3	84	8.8	5.2	78.7	11	0.8	—
February	90.8	8.7	13.2	4.2	84	9.1	6.6	146.3	19	0.9	—
March	95.8	10.8	16.2	5.3	73	10.1	3.5	15.7	4	1.0	—
April	94.4	15.8	23.1	8.5	71	13.4	3.7	1.3	0	1.1	—
May	93.3	23.2	31.3	15.1	64	19.2	2.7	67.6	4	0.8	—
June	91.2	25.8	33.2	18.3	65	22.0	0.5	3.6	1	0.9	—
July	88.6	28.0	35.7	20.3	61	24.3	0.3	0.0	0	0.8	—
August	89.1	28.3	36.4	20.3	74	27.5	0.7	5.3	2	0.4	—
September	93.8	24.4	31.1	17.7	77	23.0	1.0	1.0	1	0.7	—
October	97.0	20.6	27.9	13.2	77	17.6	1.7	8.9	4	0.3	—
November	96.8	17.8	23.9	11.6	79	15.1	2.8	22.4	4	0.3	—
December	97.4	11.7	16.2	7.3	87	18.5	3.9	144.3	13	0.5	—
YEAR	994.8	18.6	25.1	12.2	75	16.8	2.7	495.1	63	0.7	—

Absolute Max. 40.6 °C.

Absolute Min.—0.6 °C.

Max. Rain in 1 day 59.5 mms.

**LIMASSOL.**

YEAR.	PRESSURE,	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Pches.
	(m.b.)										
<b>1929</b>											
January	1014.6	10.8	15.7	5.6	86	1.7	5.5	82.5	13	1.0	—
February	7.8	10.6	15.5	5.6	85	11.3	6.6	110.2	17	2.3	—
March	12.0	12.1	17.8	6.3	79	12.9	3.9	7.9	2	2.5	—
April	10.8	15.2	22.1	8.4	73	15.5	4.3	7.4	1	1.8	—
May	8.2	21.6	28.7	14.4	61	19.0	3.5	14.0	3	0.9	—
June	7.2	23.8	30.4	17.1	65	23.0	0.4	10.7	1	1.0	—
July	4.4	25.4	32.9	17.9	63	25.3	0.0	0.0	0	0.7	—
August	4.3	26.8	33.5	20.2	74	29.4	0.4	0.0	0	0.6	—
September	9.1	24.5	31.2	17.8	66	23.4	1.3	3.3	1	0.5	—
October	12.7	21.1	27.8	14.3	67	19.2	2.3	38.6	2	0.5	—
November	12.4	19.1	25.2	12.9	70	17.1	2.8	55.1	4	0.6	—
December	13.2	13.6	18.1	9.1	80	12.8	5.5	242.6	16	0.7	—
YEAR	1009.7	18.7	24.9	12.5	72	18.3	3.0	572.3	60	1.1	—

Absolute Max. 40.6 °C.    Absolute Min. 0.0 °C.    Max. Rain in 1 day 45.7 mms.

**ACRE.**

YEAR.	PRESSURE,	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	Pches.
	(m.b.)									(0-12)	
<b>1929</b>											
January	—	11.9	17.0	7.9	78	10.5	4.0	231.9	16	2.9	4.96
February	—	12.2	17.0	8.7	78	11.2	4.7	230.2	14	3.5	5.83
March	—	14.0	19.1	9.2	72	12.0	3.4	5.9	4	2.4	6.85
April	—	16.5	22.4	10.7	66	13.5	2.3	29.2	2	2.3	5.85
May	—	22.0	28.0	15.8	64	18.0	1.3	0.8	0	2.3	7.74
June	—	23.5	27.4	18.2	76	23.5	0.5	Drops	0	2.4	6.53
July	—	25.8	29.7	20.8	73	24.9	1.3	0.0	0	1.9	8.06
August	—	26.6	30.9	20.8	74	27.1	1.9	0.0	0	1.5	6.52
September	—	25.2	30.4	18.6	71	24.8	1.3	1.7	1	2.2	7.57
October	—	22.2	28.9	15.2	58	16.7	1.5	6.0	1	2.3	8.61
November	—	19.4	26.2	13.4	64	14.8	2.3	217.2	5	2.2	7.26
December	—	13.8	19.4	10.1	80	12.4	3.5	222.3	9	2.9	5.61
YEAR	—	19.4	24.7	14.1	71	17.4	2.3	845.2	53	2.4	6.78

Absolute Max. 42.2 °C.    Absolute Min. 4.0 °C.    Max. Rain in 1 day 87.0 mms.

## HAIFA.

YEAR	PRESSURE. 8 h. (m.b.)	AIR TEMPERATURE (CENTIGRADE).				RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.	8 h.				8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	
		(m.b.)			(%)				(0-10).	(mm.)	(0-12)	
<b>1929</b>												
January	—	13.4	18.1	8.8	—	—	5.0	242.1	15	2.0	3.41	
February	1009.9	14.0	18.7	9.2	56	8.7	5.3	219.2	16	1.7	4.32	
March	13.6	15.6	20.7	10.6	55	10.1	4.6	15.2	4	0.8	4.60	
April	12.2	18.6	24.0	13.3	57	13.1	3.7	28.2	4	0.6	4.51	
May	9.0	24.0	30.1	18.0	65	21.2	1.9	1.2	1	0.5	5.95	
June	8.2	25.6	30.4	20.8	70	24.8	1.9	3.2	1	0.4	4.77	
July	5.2	27.8	32.6	23.1	68	27.6	2.0	0.0	0	0.7	5.44	
August	5.1	29.2	33.7	24.6	70	30.1	2.1	0.0	0	0.4	5.60	
September	9.2	28.4	32.7	24.2	69	28.1	1.8	Drops	0	0.3	8.51	
October	13.1	24.4	29.4	19.5	63	26.3	2.0	1.5	1	0.7	5.30	
November	12.8	21.4	26.7	16.1	59	15.4	3.1	94.1	6	1.0	3.93	
December	14.2	15.6	20.4	10.9	—	—	4.0	198.4	13	1.0	2.82	
YEAR	—	21.5	26.5	16.6	—	—	3.2	803.1	61	0.9	4.93	

Absolute Max. 42.0 °C.

Absolute Min. 5.2 °C.

Max. Rain in 1 day 52.6 mms.

## JENIN.

YEAR	PRESSURE. Mean. (m.b.)	AIR TEMPERATURE (CENTIGRADE).				RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. Mean. (0-12)	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.	Mean				Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	
		(m.b.)			(%)				(0-10).	(mm.)	(0-12)	
<b>1929</b>												
January	—	10.1	14.9	7.3	—	—	4.8	249.6	15	2.8	2.55	
February	—	10.4	15.4	7.2	—	—	4.5	253.9	13	3.8	2.85	
March	—	13.0	18.9	9.2	—	—	4.3	32.7	5	3.3	4.14	
April	—	16.8	25.1	11.4	—	—	2.3	41.1	3	2.8	5.53	
May	—	24.0	33.1	17.2	—	—	1.4	0.0	0	2.7	9.38	
June	—	24.3	32.7	18.2	—	—	0.7	2.9	1	3.6	7.78	
July	—	26.2	34.5	20.0	—	—	0.4	0.0	0	3.3	9.77	
August	—	27.4	37.2	20.8	—	—	0.3	0.0	0	2.2	11.93	
September	—	27.0	37.2	20.2	—	—	0.6	0.0	0	2.7	10.42	
October	—	24.8	33.7	17.6	—	—	0.4	0.0	0	2.8	8.04	
November	—	19.6	27.0	13.4	—	—	2.0	111.1	7	2.9	5.05	
December	—	11.8	17.5	7.7	—	—	3.2	105.5	10	2.9	2.45	
YEAR	—	19.6	27.3	14.2	—	—	2.1	790.8	54	3.0	6.66	

Absolute Max. 41.9 °C.

Absolute Min. 3.0 °C.

Max. Rain in 1 day 79.6 mms.

## JERICHO.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Piche.
	(m.b.)									(0-12)	
<b>1929</b>											
January ...	—	13·5	19·2	9·6	66	0·7	2·8	29·6	9	1·9	4·93
February	—	13·9	19·7	9·8	69	10·7	3·6	25·0	7	1·4	5·06
March	—	16·6	23·6	10·9	62	11·1	2·3	2·0	1	1·7	6·58
April	—	21·3	29·5	14·4	55	13·9	1·9	18·5	2	1·8	8·88
May	—	28·4	37·3	20·6	50	19·6	0·6	Drops	0	1·6	13·05
June	—	29·2	37·6	22·2	54	22·0	0·1	0·0	0	1·3	12·23
July	—	30·4	38·1	23·5	52	23·0	0·1	0·0	0	1·2	12·44
August	—	31·6	39·3	25·2	53	24·3	0·3	0·0	0	1·1	11·33
September	—	30·0	38·0	—	—	—	0·7	Drops	0	1·2	11·41
October	—	25·3	33·1	18·7	46	14·0	0·3	0·0	0	1·0	9·95
November	—	22·0	28·9	16·8	51	13·7	1·9	32·5	3	1·1	7·19
December	—	15·6	21·2	11·7	69	11·9	3·2	10·5	6	1·0	3·82
YEAR ...	—	23·2	30·5	—	—	—	1·5	118·1	28	1·3	8·90

Absolute Max. 45·0 °C.

Absolute Min. 6·0 °C.

Max. Rain in 1 day 25·0 mms.

## JERUSALEM.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h.	Piche.
	(m.b.)									(0-12)	
<b>1929</b>											
January ...	930·6	7·9	11·4	4·4	79	7·6	4·0	186·4	10	1·6	1·75
February	25·6	8·0	11·9	4·2	78	7·6	4·6	166·6	11	2·1	1·85
March	28·7	10·9	15·7	6·1	69	8·1	4·2	51·3	4	1·2	2·53
April	28·0	16·4	23·1	9·6	56	9·3	3·1	46·2	3	0·8	4·77
May	28·4	22·6	29·4	15·8	42	10·9	2·3	Drops	0	0·9	7·71
June	28·2	22·2	29·2	15·3	53	13·9	0·9	0·0	0	1·1	7·02
July	25·6	23·3	29·7	16·9	54	14·3	0·4	0·0	0	0·8	6·55
August	—	—	—	—	—	—	—	—	—	—	—
September	28·3	24·2	30·7	17·6	61	16·5	1·4	0·0	0	0·3	6·36
October	30·7	20·0	26·0	14·1	56	11·7	1·1	0·0	0	0·6	5·82
November	30·2	17·4	22·5	12·2	57	10·0	3·3	89·4	4	0·6	3·94
December	29·8	9·8	13·5	6·1	85	9·2	3·7	36·0	8	0·4	1·39
YEAR ...	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 38·2 °C.

Absolute Min.—0·4 °C.

Max. Rain in 1 day 55·2 mms.

## GAZA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 min. or over.		
<b>1929</b>											
January ...	1013.6	12.3	17.2	7.4	77	10.0	3.8	124.6	12	0.8	2.67
February	8.7	12.8	17.6	8.1	79	11.2	4.0	82.9	8	1.0	3.91
March	11.2	14.4	19.8	9.0	67	11.5	2.8	21.9	2	0.7	4.39
April	10.2	17.1	23.0	11.2	64	13.5	2.2	33.8	3	0.5	4.51
May ...	6.8	23.2	29.9	16.4	50	16.4	0.6	Drops.	0	0.5	6.77
June	6.6	23.4	28.4	18.3	64	20.8	1.6	0.0	0	0.6	5.43
July	3.9	24.9	29.5	20.3	66	23.6	2.3	0.0	0	0.7	6.20
August ...	3.8	26.2	30.6	21.9	70	26.7	3.2	0.0	0	0.5	5.67
September	7.5	25.8	31.1	20.5	61	22.1	2.1	Drops.	0	0.4	6.88
October ...	11.0	21.9	27.6	16.2	63	16.9	1.3	Drops.	0	0.5	6.85
November	11.0	19.4	24.7	14.1	74	16.0	3.2	138.6	5	0.7	3.36
December	12.2	—	20.0	—	76	11.7	3.3	64.7	11	0.8	2.72
YEAR ...	1008.9	—	25.0	—	68	16.7	2.5	466.5	41	0.6	4.95

Absolute Max. 42.2 °C.

Absolute Min. 3.6 °C.

Max. Rain in 1 day 54.4 mmns.

## BEERSHEBA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10)	Total (mm.)		
<b>1929</b>											
January ...	—	12.7	19.8	5.6	88	9.6	3.6	26.4	7	3.9	3.84
February	—	12.8	20.0	5.6	76	9.2	3.3	5.6	3	5.4	5.51
March	—	16.3	26.5	6.1	70	10.3	3.3	9.8	3	3.2	6.02
April	—	19.5	30.3	8.7	54	10.7	2.7	23.0	2	2.3	7.74
May	—	25.8	36.2	15.3	49	15.9	1.2	0.0	0	2.0	13.03
June	—	25.2	34.2	16.2	63	19.0	1.1	0.0	0	2.3	10.88
July	—	25.9	34.4	17.4	79	25.1	1.5	0.0	0	2.0	10.67
August ...	—	27.4	35.0	19.0	86	28.9	2.1	0.0	0	1.3	9.60
September	—	26.6	35.4	17.8	82	26.4	1.6	0.0	0	2.7	10.94
October ...	—	22.7	32.9	12.5	—	—	1.6	0.0	0	1.7	9.46
November	—	19.6	28.3	10.9	76	14.4	3.5	80.8	5	3.1	5.51
December	—	13.4	19.6	7.2	—	—	4.1	20.6	4	3.1	3.36
YEAR ...	—	20.7	29.4	11.9	—	—	2.5	166.2	24	2.8	8.05

Absolute Max. 48.0 °C.

Absolute Min. 2.0 °C.

Max. Rain in 1 day 35.5 mmns.

SALUM (Town).

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1929</b>											
January ...	1019.0	12.6	17.1	8.2	73	9.1	2.9	35.0	3	2.7	—
February ...	11.6	13.0	18.4	7.5	71	8.8	3.5	30.0	6	2.9	—
March ...	16.8	14.6	19.1	10.2	71	10.7	4.2	9.0	2	2.1	—
April ...	14.6	18.6	24.4	12.9	60	11.6	3.1	2.0	1	2.3	—
May ...	10.7	24.0	29.3	18.7	57	16.4	5.0	0.0	0	1.5	—
June ...	12.4	24.0	28.7	19.2	66	20.3	3.2	0.0	0	1.3	—
July ...	10.8	26.0	30.9	21.1	65	22.1	1.0	0.0	0	2.0	—
August ...	10.0	27.3	32.4	22.2	73	25.4	1.4	0.0	0	1.7	—
September ...	13.0	25.7	30.0	21.4	68	21.7	3.6	0.0	0	1.6	—
October ...	17.1	22.1	27.9	16.3	71	17.6	2.6	0.0	0	1.5	—
November ...	17.1	19.3	24.7	13.9	80	16.5	3.9	15.0	3	1.7	—
December ...	—	—	—	—	87	12.7	4.3	92.0	8	3.4	—
YEAR ...	—	—	—	—	70	16.1	3.2	183.0	23	2.0	—

Absolute Max. 40.7 °C.

Absolute Min. 3.4 °C.

Max. Rain in 1 day 32.0 mms.

MERSA MATRUH.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)										
<b>1929</b>											
January ...	1017.9	11.4	16.8	7.8	74	10.0	3.9	78.3	8	2.4	7.75
February ...	11.4	11.4	17.3	7.5	73	9.5	4.8	16.7	4	3.0	10.77
March ...	16.2	13.7	18.3	10.5	72	11.5	5.3	9.1	3	2.6	9.40
April ...	14.3	16.6	21.9	12.7	73	14.4	3.0	Drops	0	2.5	10.30
May ...	10.6	20.7	27.0	16.3	76	19.6	3.8	Drops	0	2.1	8.54
June ...	11.9	22.4	26.0	18.7	84	23.8	2.2	Drops	0	2.1	5.56
July ...	10.2	25.2	27.5	24.1	80	25.2	1.3	0.0	0	2.7	7.16
August ...	9.5	26.0	28.3	25.0	85	28.0	2.2	0.0	0	2.7	6.69
September ...	12.6	25.3	28.8	23.9	75	23.2	2.9	0.0	0	2.2	9.90
October ...	15.8	21.3	24.8	19.3	74	18.4	3.1	4.8	2	1.7	9.36
November ...	15.9	—	23.4	—	80	17.7	4.9	29.8	4	1.6	8.66
December ...	15.4	13.6	18.7	10.0	82	12.8	5.5	52.7	10	1.5	6.25
YEAR ...	1013.5	—	23.2	—	77	17.8	3.6	191.4	31	2.3	8.37

Absolute Max. 40.0 °C.

Absolute Min. 4.6 °C.

Max. Rain in 1 day 25.5 mms.

**PORT SAID.**

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									(0-12)	
<b>1929</b>											
January	1018.0	13.2	18.3	10.1	80	11.6	3.1	21.5	4	3.0	2.58
February	12.7	13.0	18.0	9.7	74	10.5	4.2	3.1	2	3.6	3.60
March	15.8	15.3	20.2	12.6	70	12.0	4.0	2.5	1	3.3	4.59
April	14.6	17.7	22.7	14.7	72	14.7	2.2	10.9	2	3.1	4.44
May	11.1	23.4	28.2	20.1	73	21.3	2.1	1.9	1	2.6	5.23
June	11.1	25.3	29.7	21.9	78	25.1	0.6	0.0	0	2.6	5.54
July	8.6	26.4	31.5	22.9	78	26.2	0.8	0.0	0	2.6	4.71
August	8.2	27.5	32.4	24.1	76	27.6	1.4	0.0	0	2.6	4.49
September	12.3	26.7	31.3	23.7	73	25.3	1.2	0.0	0	2.6	6.51
October	15.5	23.5	28.2	20.4	68	19.6	2.4	Drops	0	2.6	5.66
November	15.4	21.2	25.1	18.8	76	18.8	2.4	68.6	4	2.8	4.66
December	16.2	15.2	19.9	12.2	80	13.3	3.9	23.9	6	2.9	2.57
YEAR ...	1013.3	20.7	25.5	17.6	75	18.8	2.4	132.4	20	2.9	4.55

Absolute Max. 40.1 °C.

Absolute Min. 6.2 °C.

Max. Rain in 1 day 34.0 mms.

**SAKHA.**

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									(0-12)	
<b>1929</b>											
January	—	10.4	18.6	5.3	82	8.9	2.7	27.5	4	1.4	1.58
February	—	11.0	19.2	5.4	80	9.5	2.4	18.9	5	1.8	1.99
March	—	13.2	22.0	6.6	82	10.8	2.7	14.1	2	1.4	2.86
April	—	17.1	26.4	8.9	70	13.3	1.5	2.1	1	1.5	3.91
May	—	23.6	34.4	14.1	66	18.5	0.9	1.0	0	1.0	5.65
June	—	25.5	34.5	16.4	66	23.0	0.3	0.0	0	1.2	5.89
July	—	26.1	34.2	18.2	69	24.1	0.7	0.0	0	1.3	5.14
August	—	26.6	34.3	19.2	75	26.7	0.7	0.0	0	0.8	5.24
September	—	25.8	34.2	18.2	78	26.2	0.7	0.0	0	1.0	4.59
October	—	21.4	29.3	15.4	87	21.6	0.8	12.5	1	0.8	3.51
November	—	18.1	25.7	12.6	87	17.3	2.1	16.5	5	1.1	2.21
December	—	12.6	20.6	7.5	84	11.5	2.6	11.5	5	1.1	1.55
YEAR ...	—	19.3	37.8	12.3	77	17.0	2.5	104.1	23	1.2	3.68

Absolute Max. 41.5 °C.

Absolute Min. 2.5 °C.

Max. Rain in 1 day 12.5 mms.

## MANSURA

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Piche.
	(m.b.)										
<b>1929</b>											
January	—	13°0	19°8	6°2	83	10°0	2°2	20°0	6	1°2	2°79
February	—	12°8	19°6	6°0	74	9°2	2°7	12°0	4	1°4	3°54
March	—	15°4	22°4	8°4	76	11°9	2°5	2°0	1	1°2	4°23
April	—	18°9	27°0	10°8	70	14°3	2°1	7°5	1	1°1	5°15
May	—	25°6	34°4	16°7	62	19°1	1°5	11°0	2	1°2	7°16
June	—	26°7	34°7	18°7	66	21°7	0°8	0°0	0	1°1	7°33
July	—	27°5	35°4	19°6	74	24°1	2°5	0°0	0	1°1	6°91
August	—	28°0	35°3	20°8	77	26°5	2°2	0°0	0	1°1	6°08
September	—	26°6	33°8	19°5	76	24°9	0°7	Drops	0	1°0	5°06
October	—	22°7	29°7	15°7	75	19°2	2°1	Drops	0	1°0	4°44
November	—	20°7	26°9	14°5	83	17°6	3°7	51°3	4	1°1	2°85
December	—	14°8	21°1	8°5	84	11°6	3°0	5°4	3	1°3	2°00
YEAR ...	—	21°1	28°3	13°8	75	17°5	2°2	109°2	21	1°2	4°80

Absolute Max. 42.5 °C.

Absolute Min. 2.5 °C.

Max. Rain in 1 day 45.0 mms.

## GEMMEIZA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 min. or over.	Mean.	Piche.
	(m.b.)										
<b>1929</b>											
January	1017°9	9°4	18°3	3°8	86	9°9	2°5	15°4	6	0°6	2°38
February	12°3	10°4	19°0	4°6	76	9°1	3°3	4°5	2	0°8	4°08
March	15°5	12°8	21°9	6°0	78	10°7	3°1	7°5	3	0°5	4°12
April	13°8	16°8	27°1	8°8	72	12°5	1°8	4°3	1	0°6	5°93
May	10°2	24°1	35°0	15°3	64	17°7	2°5	Drops	0	0°6	9°47
June	10°4	25°4	34°9	17°5	67	19°6	0°8	0°0	0	0°6	10°53
July	8°0	25°9	34°7	19°1	70	20°7	0°8	0°0	0	0°6	9°66
August	7°8	26°4	34°3	20°3	74	23°1	1°3	0°0	0	0°5	7°95
September	11°6	24°8	33°1	18°3	78	22°8	0°8	0°0	0	0°5	6°42
October	15°0	20°2	28°1	14°4	83	18°2	2°0	Drops	0	0°4	4°75
November	15°0	17°6	25°6	12°6	92	17°1	2°9	29°8	5	0°2	2°72
December	15°5	12°3	20°0	7°4	89	12°1	3°7	12°2	4	0°4	2°20
YEAR ...	1012°8	18°8	27°7	12°3	77	16°1	2°1	73°7	81	0°5	5°85

Absolute Max. 43.2 °C.

Absolute Min. -2.7 °C.

Max. Rain in 1 day 12.7 mms.

## TANTA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
		Mean.	Mean.	Mean Maximum.				Mean.	Total (mm.)		
		(m.b.)	Mean.	Mean Minimum.				Mean (0-10).	Days with 1 mm. or over.		
<b>1929</b>											
January ...	1017.6	10.8	18.2	6.0	86	10.7	3.1	16.1	4	1.4	2.22
February	12.2	11.5	—	6.5	72	9.2	3.6	4.3	3	1.9	3.48
March	15.4	14.0	—	8.5	74	11.1	4.3	5.8	1	1.4	4.19
April	13.8	17.8	27.5	11.0	68	12.5	2.6	2.2	1	1.5	6.16
May	10.0	24.7	34.6	17.3	56	15.5	3.1	Drops	0	1.4	8.64
June	10.3	25.7	34.7	18.7	62	18.0	1.1	0.0	0	1.4	7.95
July	8.2	25.8	34.0	19.3	70	21.3	1.0	0.0	0	1.5	7.07
August	8.0	26.7	34.6	20.9	72	22.8	1.4	0.0	0	1.3	6.31
September	11.6	25.4	33.7	19.5	72	20.8	1.2	0.0	0	1.3	5.79
October	15.0	21.1	29.4	15.5	74	16.8	2.2	0.4	0	1.4	4.78
November	14.7	18.8	26.7	13.8	84	16.7	2.7	25.0	5	1.3	3.00
December	15.4	12.9	20.2	8.5	81	11.3	3.3	6.8	3	1.3	2.09
YEAR ...	1012.7	19.6	—	13.8	73	15.6	2.5	60.6	17	1.4	5.14

Absolute Max. 42.2 °C.

Absolute Min. 2.5 °C.

Max. Rain in 1 day 11.0 mmns.

## ZAGAZIG.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
		Mean.	Mean.	Mean Maximum.				Mean.	Total (mm.)		
		(m.b.)	Mean.	Mean Minimum.				Mean (0-10).	Days with 1 mm. or over.		
<b>1929</b>											
January	—	10.8	19.8	4.8	88	11.1	1.7	5.0	1	3.1	1.65
February	—	11.9	20.6	5.6	80	10.8	2.2	Drops	0	3.7	3.14
March	—	14.2	23.3	7.4	82	12.3	2.7	1.2	1	3.5	3.03
April	—	18.0	28.0	9.8	71	13.5	1.4	3.2	1	3.4	4.05
May	—	24.9	34.7	16.3	62	18.2	1.8	0.0	0	3.0	6.02
June	—	26.2	34.8	18.0	64	20.8	0.3	0.0	0	2.9	5.55
July	—	26.3	34.5	19.0	72	23.4	0.4	0.0	0	2.6	4.69
August	—	27.2	35.3	20.3	77	26.7	1.6	0.0	0	2.3	3.73
September	—	25.8	35.0	18.9	80	25.1	0.7	0.0	0	2.4	3.50
October	—	21.7	30.8	15.0	80	19.1	1.9	1.0	1	2.3	3.03
November	—	19.2	27.6	13.7	88	18.4	2.8	13.5	4	2.1	1.96
December	—	13.1	21.0	7.7	90	13.2	4.0	6.3	3	2.4	1.47
YEAR ...	—	19.9	28.8	13.0	78	17.7	1.8	30.2	11	2.8	3.48

Absolute Max. 43.6 °C.

Absolute Min. -0.3 °C.

Max. Rain in 1 day 5.5 mmns.

**BENHA.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Ptche.
<b>1929</b>											
January	—	12.4	19.0	5.8	83	9.6	3.2	—	—	0.8	2.36
February	—	12.8	19.2	6.3	71	8.7	1.9	4.0	1	2.4	4.24
March	—	15.3	21.8	8.6	73	10.8	2.8	0.0	0	1.5	3.83
April	—	18.8	26.4	11.1	68	13.3	2.1	0.5	0	1.7	5.40
May	—	25.7	34.0	17.4	61	18.2	0.9	0.0	0	1.5	7.52
June	—	26.7	34.3	19.1	66	20.8	0.5	0.0	0	1.5	7.04
July	—	26.8	33.5	20.0	76	23.5	1.1	0.0	0	1.9	6.65
August	—	27.6	33.4	21.8	78	25.7	2.3	0.0	0	1.4	3.15
September	—	26.2	32.6	19.9	77	23.6	0.7	0.0	0	0.9	4.33
October	—	22.5	28.9	16.1	76	18.0	0.9	0.0	0	1.1	3.91
November	—	20.2	26.1	14.4	82	16.5	2.8	11.7	2	1.1	2.55
December	—	14.2	19.6	8.8	76	10.7	3.7	8.0	1	1.5	2.03
YEAR ...	—	20.8	27.4	14.1	74	16.6	1.9	—	—	1.4	4.55

Absolute Max. 41.8 °C.

Absolute Min. 0.5 °C.

Max. Rain in 1 day 8.0 mms.

**KHANKA.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Ptche.
<b>1929</b>											
January	—	—	—	5.1	89	9.5	2.9	2.2	1	1.3	2.25
February	—	—	—	6.3	73	9.1	3.5	2.7	2	2.5	4.66
March	—	—	—	7.2	76	11.1	5.0	1.8	1	2.0	5.18
April	—	19.5	27.9	11.1	69	13.6	3.5	9.4	3	1.9	7.10
May	—	26.2	35.3	17.0	58	18.1	3.1	Drops	0	1.9	10.43
June	—	26.6	35.0	18.1	69	21.7	1.5	0.0	0	1.9	9.05
July	—	26.6	34.9	18.3	77	23.6	4.8	0.0	0	2.0	8.24
August	—	27.6	35.2	20.1	79	25.7	5.0	0.0	0	2.0	6.50
September	—	26.6	34.0	19.2	74	23.6	1.7	0.0	0	1.9	6.63
October	—	22.0	29.4	14.5	81	18.5	2.7	0.0	0	1.8	4.79
November	—	19.7	26.2	13.2	92	16.9	5.7	5.8	2	2.0	2.64
December	—	13.6	20.0	7.3	88	10.8	5.7	6.6	2	1.9	1.39
YEAR ...	—	—	—	13.1	77	16.8	3.8	28.5	10	1.9	5.70

Absolute Max. 42.2 °C.

Absolute Min. 0.8 °C.

Max. Rain in day 6.2 mms.

## DELTA BARRAGE

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picbs.
	(m.b.)										
<b>1929</b>											
January ...	—	12°6	19°2	6°0	87	9°7	2°5	—	—	—	3°28
February	—	13°0	20°0	5°9	73	9°3	2°6	—	—	—	5°00
March	—	15°0	22°8	7°1	75	11°3	3°3	—	—	—	4°54
April	—	19°0	27°5	10°4	71	13°5	3°1	—	—	—	6°40
May...	—	25°4	34°8	15°9	65	20°3	1°6	—	—	—	8°87
June	—	26°0	34°7	17°3	76	24°9	0°8	—	—	—	9°30
July...	—	26°6	35°0	18°1	82	27°0	2°0	—	—	—	8°08
August ...	—	27°8	34°7	20°8	79	26°7	4°0	—	—	—	6°64
September	—	25°6	32°3	19°0	80	24°9	1°6	—	—	—	5°06
October ...	—	21°4	28°1	14°8	77	18°2	2°3	—	—	—	4°55
November	—	19°4	25°4	13°4	90	17°8	3°9	—	—	—	3°13
December	—	14°4	20°2	8°5	84	11°6	4°7	—	—	—	2°49
YEAR ...	—	20°5	27°9	13°1	78	17°9	2°7	—	—	—	5°61

Absolute Max. 42°6 °C.

Absolute Min. 0°2 °C.

Max. Rain in 1 day.....mmms.

## HELIOPOLIS.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picbs.
	(m.b.)										
<b>1929</b>											
January	—	13°2	19°7	6°8	77	9°3	2°6	0°5	0	0°8	2°42
February	—	14°1	20°9	7°3	63	8°3	2°3	1°0	1	1°3	4°14
March	—	16°3	23°6	9°0	69	10°7	3°8	0°0	0	0°5	4°22
April	—	20°5	28°2	12°8	63	13°1	2°8	5°5	1	0°9	5°97
May	—	27°6	36°1	19°1	52	17°1	2°0	3°3	1	0°6	8°83
June	—	28°2	35°5	20°8	61	20°8	1°2	0°0	0	0°9	8°29
July	—	28°4	35°6	21°1	67	22°4	3°0	0°0	0	1°4	6°66
August ...	—	29°2	35°8	22°7	69	24°5	2°5	0°0	0	0°8	5°90
September	—	28°0	34°9	21°1	67	22°8	1°6	0°0	0	0°8	6°69
October...	—	23°1	30°1	16°1	74	17°4	1°5	0°0	0	0°7	4°72
November	—	20°9	27°0	14°8	82	16°5	3°9	3°0	1	0°4	3°20
December	—	15°2	21°3	9°1	80	10°9	3°0	9°2	4	1°0	2°00
YEAR ...	—	22°1	29°1	15°1	69	16°3	2°5	21°5	8	0°8	5°25

Absolute Max. 43°5 °C.

Absolute Min. 2°2 °C.

Max. Rain in 1 day 56 mmms.

**SUEZ.**

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picbs.
<b>1929</b>											
January	1017.4	13.0	19.2	8.3	68	10.0	2.6	Drops	0	2.2	5.60
February	12.8	14.2	20.2	9.2	61	9.7	2.7	0.0	0	2.5	6.32
March	14.8	15.6	22.5	10.7	66	11.2	2.9	0.0	0	2.2	7.52
April	12.7	19.4	27.1	13.9	68	14.5	2.5	6.0	1	2.6	9.79
May	9.2	26.0	34.6	19.6	58	18.7	3.2	7.0	2	2.2	13.74
June	9.4	26.8	34.3	21.4	64	20.9	0.7	0.0	0	2.7	14.04
July	7.2	27.5	34.9	22.2	61	20.1	0.2	0.0	0	2.7	13.68
August	6.8	28.4	35.3	23.5	66	23.0	1.0	0.0	0	2.8	13.42
September	10.5	27.2	34.4	22.3	69	23.0	1.1	0.0	0	2.7	12.69
October	13.8	22.9	29.5	18.1	68	17.8	1.4	0.0	0	2.5	9.07
November	13.9	20.4	26.4	16.2	71	15.8	3.2	18.0	2	2.3	6.78
December	15.4	15.2	20.4	11.5	68	11.5	3.9	2.0	2	2.1	4.84
YEAR	1012.0	21.4	28.2	16.4	66	16.4	2.1	33.0	7	2.5	9.79

Absolute Max. 40.2 °C.

Absolute Min. 4.0 °C.

Max. Rain in 1 day 11.0 mms.

**HELWAN.**

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									Km. per hour.	Picbs.
<b>1929</b>											
January	1005.1	11.6	18.0	7.1	66	8.4	2.9	3.3	1	13.9	4.54
February	6.0	12.4	19.5	7.6	50	6.5	3.0	Drops	0	16.3	6.81
March	2.4	15.3	22.7	9.8	52	7.7	3.2	Drops	0	16.3	8.39
April	0.7	19.4	27.9	12.7	46	8.3	2.6	12.4	2	18.5	11.66
May	997.1	27.0	36.0	19.6	34	10.0	3.4	Drops	0	18.9	17.47
June	97.4	27.2	35.0	20.4	42	13.2	0.6	0.0	0	21.2	16.60
July	95.6	26.9	34.5	20.7	52	15.6	0.7	0.0	0	17.8	15.30
August	95.4	27.7	34.9	21.9	58	18.5	1.2	0.0	0	17.6	13.69
September	98.6	27.0	34.5	21.5	54	16.7	0.9	0.0	0	20.2	12.87
October	1002.0	22.1	28.9	17.0	56	13.2	1.6	0.0	0	19.4	10.20
November	2.0	19.4	25.7	15.3	72	14.4	3.4	11.3	3	15.7	6.78
December	3.1	13.1	18.5	9.4	72	10.4	3.9	26.3	5	11.4	3.44
YEAR	1000.0	20.8	28.0	15.2	54	11.9	2.3	53.3	11	17.3	10.65

Absolute Max. 43.3 °C.

Absolute Min. 2.9 °C.

Max. Rain in 1 day 14.0 mms.

## SHAKSHUK.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									Kms. per hour.	Picke.
<b>1929</b>											
January ...	—	11·4	18·7	5·3	73	9·6	1·7	5·0	1	6·5	3·77
February...	—	11·4	19·9	4·5	67	8·9	1·7	0·0	0	6·1	4·95
March ...	—	15·4	22·3	9·2	62	10·4	1·9	0·0	0	8·8	6·70
April ...	—	19·4	27·3	13·1	58	12·4	2·1	3·0	1	10·5	8·97
May ...	—	27·0	35·2	20·0	48	16·4	2·6	0·0	0	8·0	13·14
June...	—	27·8	34·7	21·8	54	19·0	0·2	0·0	0	11·4	13·56
July...	—	28·3	35·6	22·1	56	19·6	0·1	0·0	0	10·0	12·94
August ...	—	29·4	36·8	24·0	60	21·8	0·2	0·0	0	9·4	11·76
September ...	—	27·5	35·1	22·1	62	20·8	0·4	0·0	0	9·9	11·05
October ...	—	22·4	28·9	17·5	68	17·1	0·8	0·0	0	9·2	8·22
November ...	—	20·2	26·4	15·9	73	16·0	2·0	0·2	0	8·2	5·62
December ...	—	13·0	20·0	7·9	78	11·7	3·4	13·0	4	4·2	2·95
YEAR... ...	—	21·1	28·4	15·3	63	15·3	1·4	21·2	6	8·5	8·64

Absolute Max. 41·8 °C.

Absolute Min. 0·5 °C.

Max. Rain in 1 day 5·0 mms.

## QASR EL GEBALI.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1929</b>											
January ...	1018·6	10·8	19·1	4·5	73	8·4	0·3	Drops	0	1·5	4·15
February ...	13·9	11·8	20·7	5·0	59	7·2	0·5	Drops	0	1·5	5·10
March ...	15·8	15·0	23·7	7·9	58	8·5	0·1	0·0	0	1·8	6·85
April ...	13·9	19·0	28·8	11·1	52	9·6	0·3	3·0	1	2·2	9·75
May ...	10·0	27·8	37·3	18·7	35	11·7	0·2	Drops	0	1·8	15·22
June ...	10·3	27·9	36·3	20·0	43	14·3	0·0	0·0	0	2·5	16·16
July ...	8·7	28·0	36·1	20·2	48	16·1	0·0	0·0	0	1·9	14·40
August ...	8·4	28·6	36·7	21·8	58	19·5	0·0	0·0	0	1·6	11·83
September ...	11·5	26·8	35·3	20·0	62	18·4	0·0	0·0	0	1·9	10·39
October...	15·0	22·0	30·0	15·6	63	14·4	0·0	0·0	0	2·1	8·45
November ...	15·0	19·4	27·2	14·2	74	14·3	0·5	Drops	0	1·8	6·03
December ...	16·4	12·8	20·1	7·9	80	10·7	2·0	12·0	4	1·3	2·77
YEAR ...	1013·1	20·8	29·3	13·9	59	12·8	0·3	15·0	5	1·8	9·26

Absolute Max. 44·0 °C.

Absolute Min. 0·3 °C.

Max. Rain in 1 day 4·0 mms.

## FAIYUM.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picbs.
<b>1929</b>											
January ...	—	10·8	19·8	5·2	78	9·3	2·4	Drops	0	1·4	2·78
February ...	—	11·8	21·2	5·6	64	8·4	2·1	0·0	0	1·3	4·82
March ...	—	14·7	23·9	7·8	64	9·9	2·4	Drops	0	1·9	5·33
April ...	—	19·1	28·8	11·3	54	10·8	2·2	5·5	2	2·2	7·78
May ...	—	27·2	37·0	18·1	40	13·2	2·7	Drops	0	1·8	11·46
June ...	—	27·5	36·0	19·5	47	15·6	0·3	0·0	0	2·5	12·56
July ...	—	27·4	35·7	20·2	53	17·3	0·2	0·0	0	2·5	10·84
August ...	—	28·0	36·3	21·5	60	20·4	0·6	0·0	0	2·3	8·89
September ...	—	26·6	35·2	19·8	62	19·4	0·6	0·0	0	1·9	7·51
October ...	—	21·6	29·9	15·4	65	15·2	0·9	0·0	0	2·1	5·80
November ...	—	18·9	27·1	13·7	78	15·2	2·1	2·2	1	1·6	4·17
December ...	—	12·4	20·0	7·8	83	11·3	3·8	26·4	5	0·9	2·34
YEAR ...	—	20·5	29·2	13·8	62	13·8	1·7	34·1	8	1·9	7·02

Absolute Max. 44·0 °C.

Absolute Min. 0·8 °C.

Max. Rain in 1 day 7·1 mms.

## SIWA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picbs.
<b>1929</b>											
January ...	1022·3	10·3	19·3	4·2	73	9·7	2·7	6·2	1	1·0	3·25
February ...	15·9	11·8	20·8	5·2	58	8·1	2·0	Drops	0	1·9	6·61
March ...	18·8	14·6	24·0	7·3	64	11·6	1·6	1·4	1	1·3	9·25
April ...	17·0	19·2	29·2	11·0	58	13·7	1·4	0·0	0	1·3	10·27
May ...	12·6	27·8	38·0	19·3	54	22·0	2·6	Drops	0	1·7	17·99
June ...	13·6	28·4	37·9	19·3	40	14·8	0·4	0·0	0	0·6	16·21
July ...	12·7	28·1	36·5	20·0	49	18·2	0·0	0·0	0	0·5	13·35
August ...	12·4	29·0	37·8	20·7	56	23·1	0·2	0·0	0	0·3	11·20
September ...	15·0	26·7	36·2	18·2	50	16·5	0·7	0·0	0	0·3	12·65
October ...	19·0	20·0	30·7	11·6	56	13·2	1·4	0·0	0	0·5	8·14
November ...	19·4	16·7	26·8	9·0	68	13·3	2·0	6·5	2	0·6	4·75
December ...	19·6	12·4	20·2	5·7	84	13·3	3·1	5·5	2	0·9	4·04
YEAR ...	1016·5	20·4	29·8	12·6	59	14·8	1·5	19·6	6	0·9	9·81

Absolute Max. 44·2 °C.

Absolute Min. -0·5 °C.

Max. Rain in 1 day 6·2 mms.

## TOR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Piche.
<b>1929</b>											
January	1016.6	13.6	19.5	8.2	61	10.5	1.1	0.0	0	2.1	9.36
February	13.4	14.8	21.5	8.6	56	10.4	1.3	0.0	0	1.6	10.13
March	13.5	17.3	23.2	11.5	59	12.5	1.4	0.0	0	2.4	11.25
April	11.2	20.8	26.4	15.2	67	18.2	1.3	2.1	1	2.2	9.62
May	8.3	27.0	33.3	21.8	62	22.1	1.1	Drops	0	1.8	11.44
June	7.1	28.0	33.0	23.7	64	24.9	0.0	0.0	0	3.8	15.04
July	5.8	28.2	33.5	23.5	62	24.5	0.0	0.0	0	3.2	14.10
August	5.6	29.6	35.2	25.2	64	27.5	0.1	0.0	0	3.2	13.40
September	8.4	28.2	32.7	24.5	69	27.9	0.4	0.0	0	3.4	12.03
October	12.2	23.4	28.3	17.5	62	20.4	0.6	0.0	0	2.3	9.97
November	13.2	20.2	26.1	14.6	64	17.3	2.3	Drops	0	1.6	7.47
December	15.5	15.4	21.5	10.5	66	12.1	2.9	7.3	3	1.5	8.25
YEAR	1010.9	22.2	27.8	17.1	63	19.0	1.0	9.4	4	2.4	11.00

Absolute Max. 41.6 °C.

Absolute Min. 2.0 °C

Max. Rain in 1 day 4.7 mms.

## MINYA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Piche.
<b>1929</b>											
January	1015.4	12.1	19.9	4.3	78	8.3	2.1	—	—	2.3	2.91
February	11.1	13.8	22.1	5.6	60	7.7	1.1	—	—	2.3	4.39
March	12.3	17.0	25.4	8.6	70	11.1	0.9	—	—	2.3	5.48
April	9.5	21.6	31.1	12.0	60	12.5	1.0	—	—	2.7	7.25
May	6.0	29.0	38.8	19.3	45	16.4	0.3	—	—	1.7	10.88
June	6.3	28.8	37.6	20.1	52	17.8	0.0	—	—	2.4	10.00
July	5.0	28.6	36.5	20.8	62	20.9	0.0	—	—	2.5	8.65
August	4.4	29.6	37.0	22.1	68	24.3	0.0	—	—	2.4	7.86
September	7.1	28.1	35.8	20.4	67	22.0	0.4	—	—	3.2	7.43
October	11.2	22.9	29.9	15.9	72	17.6	0.6	—	—	3.2	5.80
November	11.6	20.6	27.7	13.4	81	16.0	1.9	—	—	3.8	4.06
December	13.4	14.4	21.2	7.6	81	10.7	3.5	—	—	2.5	2.36
YEAR	1009.4	22.2	30.2	14.2	66	15.4	1.0	—	—	2.6	6.42

Absolute Max. 44.0 °C.

Absolute Min. -0.5 °C.

Max. Rain in 1 day ... mms.

HURGHADA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Piobes.
	(m.b.)										
<b>1929</b>											
January	1017.8	15.1	21.2	9.0	53	8.0	1.7	0.0	0	4.1	12.17
February	14.4	15.9	22.8	9.0	50	8.1	2.0	0.0	0	3.7	11.58
March	14.8	17.8	24.3	11.4	50	10.3	1.3	0.0	0	4.1	13.97
April	12.3	21.7	28.6	14.8	47	12.7	1.8	Drops	0	4.3	14.80
May	9.2	28.4	35.0	21.7	45	18.2	0.0	0.0	0	3.2	17.65
June	8.4	28.6	34.1	23.1	51	20.8	0.1	0.0	0	4.4	19.14
July	7.1	29.0	34.1	23.9	59	24.4	0.0	0.0	0	4.5	17.26
August	6.6	30.4	35.4	25.4	53	23.4	0.0	0.0	0	4.2	17.42
September	9.8	29.2	34.2	24.1	52	21.4	0.7	0.0	0	4.6	16.90
October	13.5	24.0	29.7	18.3	48	15.2	1.0	0.0	0	4.5	14.29
November	14.6	21.7	27.6	15.8	53	13.9	1.9	0.0	0	4.0	13.24
December	16.3	16.9	22.5	11.3	56	10.0	2.0	Drops	0	3.8	10.39
YEAR	1012.1	23.2	29.1	17.3	51	15.5	1.0	Drops	0	4.1	14.73

Absolute Max. 39.6 °C.

Absolute Min. 5.3 °C.

Max. Rain in 1 day Drops.

ASYUT.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Piobes.
	(m.b.)									(0-12)	
<b>1929</b>											
January	1012.4	10.7	19.0	5.4	69	8.0	1.1	0.0	0	2.3	3.94
February	8.2	12.8	21.8	6.6	54	7.1	0.9	0.0	0	2.5	5.27
March	8.8	16.0	24.7	9.5	51	8.1	0.5	9.0	0	2.6	7.58
April	6.3	21.1	30.3	13.4	38	8.1	0.7	0.0	0	2.3	10.36
May	2.8	29.4	38.0	21.8	28	10.5	0.3	Drops	0	2.0	13.90
June	2.7	28.8	36.7	21.4	36	12.1	0.0	0.0	0	2.4	14.60
July	1.6	28.1	35.6	21.8	43	14.4	0.0	0.0	0	2.4	11.70
August	1.5	29.0	35.7	23.4	48	16.7	0.0	0.0	0	2.4	10.95
September	4.0	27.7	35.0	22.1	52	10.8	0.1	0.0	0	2.2	9.61
October	7.9	22.4	28.6	17.9	60	15.5	0.1	0.0	0	2.3	6.54
November	8.4	18.9	26.5	13.9	70	14.7	0.5	0.0	0	2.2	4.06
December	10.8	12.7	19.7	8.4	73	10.3	2.6	14.0	1	2.3	2.74
YEAR	1006.3	21.5	29.3	15.5	52	11.9	0.6	14.0	1	2.3	8.44

Absolute Max. 43.0 °C.

Absolute Min. 1.5 °C.

Max. Rain in 1 day 14.0 mms.

## QENA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1929</b>											
January	—	13·6	21·9	5·4	70	8·1	0·4	—	—	1·5	3·00
February	—	15·7	24·8	6·6	54	7·5	0·5	—	—	1·6	4·33
March	—	19·8	29·4	10·3	45	8·4	0·2	—	—	2·0	6·07
April	—	25·2	35·3	15·0	35	8·9	0·4	—	—	1·8	9·00
May	—	32·4	41·7	23·1	26	11·5	0·3	—	—	1·5	12·32
June	—	31·9	40·8	23·0	32	13·5	0·0	—	—	1·5	12·00
July	—	31·8	40·0	23·5	36	15·1	0·0	—	—	1·6	10·87
August	—	32·8	40·8	24·8	45	19·8	0·0	—	—	1·8	10·72
September	—	31·8	40·0	23·6	50	19·6	0·4	—	—	1·9	8·99
October	—	25·8	34·1	17·4	55	15·5	1·2	—	—	1·9	5·45
November	—	22·8	31·0	14·6	64	14·1	1·4	—	—	1·7	4·23
December	—	—	22·9	—	74	9·9	1·4	—	—	1·3	2·91
YEAR	—	—	33·6	—	49	12·7	0·5	—	—	1·7	7·50

Absolute Max. 46·1 °C.

Absolute Min. 1·6 °C.

Max. Rain in 1 day ... mms

## QUSEIR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1929</b>											
January	—	17·8	22·2	13·3	43	8·3	2·5	0·0	0	2·9	8·09
February	—	18·5	23·5	13·5	38	7·7	1·5	0·0	0	2·5	7·91
March	—	20·0	24·4	15·7	41	9·7	1·2	0·0	0	3·3	8·90
April	—	23·4	27·6	19·2	43	12·4	2·2	0·0	0	3·3	10·30
May	—	29·0	33·3	24·7	39	16·5	1·4	Drops	0	2·7	11·55
June	—	29·4	32·8	25·9	48	20·3	0·0	0·0	0	3·2	12·54
July	—	29·2	32·8	25·7	53	23·9	0·0	0·0	0	3·1	10·42
August	—	30·5·5	30·8	24·3	40	19·5	0·0	0·0	0	3·1	10·63
September	—	28·4	29·7	26·2	51	22·1	0·2	0·0	0	3·6	10·29
October	—	22·4	25·7	20·6	21·8	45	15·6	0·1	0·0	0	4·3
November	—	13·6	24·0	28·1	20·0	49	15·1	0·4	0·0	0	4·2
December	—	15·8	19·2	23·7	14·7	40	10·4	0·6	5·5	4·6	8·34
YEAR	—	24·7	28·8	20·7	45	15·1	0·8	5·5	1	3·4	9·66

Absolute Max. 87·8 °C.

Absolute Min. 9·5 °C.

Max. Rain in 1 day 5 5 mm.

## NAG HAMMADI.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Ptche.
	(m.b.)										
<b>1929</b>											
January ...	—	11°9	19°4	4°4	70	8°0	2°3	—	—	0°2	4°73
February ...	—	14°3	22°5	6°1	52	7°1	1°8	—	—	0°1	6°51
March ...	—	—	—	8°9	48	8°8	1°1	—	—	1°2	9°77
April ...	—	23°0	33°1	13°0	33	8°8	1°5	—	—	0°7	12°67
May ...	—	30°4	40°4	20°3	28	12°4	1°1	—	—	0°2	15°24
June ...	—	29°6	38°4	20°7	31	13°1	0°0	—	—	0°7	14°86
July ...	—	—	37°0	—	—	—	0°0	—	—	0°2	13°11
August ...	—	33°1	38°2	28°0	45	18°1	0°0	—	—	0°3	13°21
September ...	—	31°2	36°9	25°5	59	20°9	0°2	—	—	0°5	10°07
October ...	—	25°8	30°1	21°5	60	16°4	0°3	—	—	0°5	6°42
November ...	—	—	27°6	—	67	14°8	0°3	—	—	0°0	4°12
December ...	—	16°3	21°6	11°0	70	10°1	1°7	—	—	0°0	3°52
YEAR ...	—	—	—	—	—	—	0°9	—	—	0°4	9°52

Absolute Max. 44°3 °C.

Absolute Min 2°0 °C.

Max. Rain in 1 day ..... mms.

## KHARGA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Ptche.
	(m.b.)										
<b>1929</b>											
January ...	1011°4	12°6	21°3	4°0	65	8°0	2°4	Drops	0	0°2	6°38
February ...	7°6	14°8	24°5	5°2	52	7°6	1°4	0°0	0	0°2	7°79
March ...	7°0	18°8	27°9	9°6	50	9°3	0°8	6°0	0	0°8	11°20
April ...	5°2	23°1	32°9	13°3	42	10°7	1°6	Drops	0	0°8	13°94
May ...	1°8	31°6	41°1	22°2	32	14°0	1°2	Drops	0	0°6	17°52
June ...	1°8	31°3	39°7	22°9	36	15°8	0°0	0°0	0	1°0	20°22
July ...	1°0	30°4	38°9	21°8	40	16°8	0°0	0°0	0	0°6	16°10
August ...	0°7	31°2	40°2	22°3	42	19°2	0°0	0°0	0	0°4	15°03
September ...	3°1	30°6	39°0	22°2	44	18°4	0°6	0°0	0	0°7	14°96
October ...	6°7	24°3	33°0	15°6	51	14°7	1°0	0°0	0	0°6	11°16
November ...	8°0	21°8	30°4	13°2	57	13°2	2°4	0°0	0	0°2	8°14
December ...	10°6	14°3	22°5	6°1	66	9°3	2°5	0°0	0	0°1	4°41
YEAR ...	1005°5	23°7	32°6	14°9	48	13°1	1°3	Drops	0	0°5	12°34

Absolute Max. 45°7 °C.

Absolute Min. —0°6 °C.

Max. Rain in 1 day Drops.

## DAEDALUS.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1929</b>											
January ...	—	21·3	24·9	20·0	70	18·0	2·9	0·0	0	3·6	—
February	—	21·0	26·1	19·1	70	17·6	3·4	Drops	0	2·8	—
March	—	21·8	24·4	20·1	74	19·6	2·3	0·0	0	3·4	—
April	—	23·4	26·2	21·8	84	24·5	1·7	1·0	1	2·7	—
May	—	27·2	30·9	24·9	83	30·8	1·9	1·0	1	2·4	—
June	—	28·1	32·1	26·5	86	32·9	0·7	0·0	0	3·2	—
July	—	28·6	33·7	26·4	88	35·4	1·3	0·0	0	2·4	—
August	—	30·0	34·0	28·3	86	37·4	1·8	0·0	0	2·8	—
September	—	29·8	31·8	28·2	84	34·4	2·1	0·0	0	4·1	—
October	—	26·8	30·2	25·3	80	28·5	1·9	0·0	0	4·1	—
November	—	25·3	30·9	23·5	74	24·1	1·7	Drops	0	3·8	—
December	—	21·5	27·1	19·3	56	14·8	2·7	Drops	0	4·0	—
YEAR ...	—	25·4	29·4	23·6	78	26·5	2·0	2·0	2	3·3	—

Absolute Max. 39·8 °C.    Absolute Min. 15·5 °C.    Max. Rain in 1 day 1·0 mm.

## ASWAN.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
<b>1929</b>											
January	1005·6	14·6	22·9	8·4	46	7·7	1·7	—	—	0·8	8·04
February	2·8	17·0	26·0	10·0	42	8·0	1·3	—	—	0·6	8·84
March	0·2	20·8	29·6	13·2	35	8·5	0·4	—	—	0·9	13·23
April	999·6	26·8	36·5	18·3	26	9·6	1·3	—	—	0·8	16·86
May	97·2	33·8	43·3	25·2	26	13·9	0·6	—	—	0·6	18·46
June	96·6	33·6	42·5	25·2	32	17·8	0·0	—	—	0·7	20·25
July	96·0	32·8	41·1	25·5	33	16·4	0·3	—	—	0·4	17·46
August	96·0	33·5	41·8	26·3	26	13·3	0·2	—	—	0·5	18·41
September	97·6	32·6	41·6	25·1	30	14·1	0·8	—	—	1·1	19·13
October	1001·1	26·7	35·4	19·6	34	11·3	0·0	—	—	0·7	13·64
November	2·2	24·0	32·2	17·3	40	11·6	0·7	—	—	0·4	10·33
December	5·2	15·7	23·1	9·5	50	8·8	0·6	—	—	0·5	6·44
YEAR ...	1000·0	26·0	34·7	18·6	35	11·8	0·7	—	—	0·7	14·26

Absolute Max. 48·0 °C.    Absolute Min. 4·9 °C.    Max. Rain in 1 day ... mm.

## WADI HALFA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Pches.
<b>1929</b>											
January	1001.5	14.0	22.7	7.6	40	6.0	1.5	—	—	1.1	8.17
February	998.4	16.5	26.4	9.2	32	5.5	2.4	—	—	0.9	9.58
March	982.2	20.0	30.9	11.6	23	4.5	0.6	—	—	1.6	12.78
April	954.4	25.7	37.0	16.6	17	4.9	0.6	—	—	1.2	16.80
May	927.7	32.9	43.9	23.8	16	7.6	0.4	—	—	0.9	19.33
June	93.0	32.0	42.2	23.4	19	8.3	0.1	—	—	1.1	18.86
July	93.0	31.4	41.2	23.8	23	9.7	0.3	—	—	1.0	16.89
August	92.8	32.0	41.3	25.0	29	12.9	0.3	—	—	0.6	15.34
September	93.9	31.0	40.2	24.5	28	11.6	0.7	—	—	1.2	16.75
October	96.7	25.7	35.3	19.0	34	10.3	0.3	—	—	0.8	13.51
November	98.0	22.5	32.0	16.0	39	10.1	0.2	—	—	0.6	10.31
December	1001.5	14.5	23.0	8.3	52	8.1	0.5	—	—	0.7	6.57
YEAR	996.3	24.8	34.7	17.4	29	8.3	0.7	—	—	1.0	13.74

Absolute Max. 49.0 °C.

Absolute Min. 2.0 °C.

Max. Rain in 1 day ... mms.

## PORT SUDAN:

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Pches.
<b>1929</b>											
January	1013.8	23.6	27.4	20.7	66	19.5	5.4	4.1	1	4.1	8.09
February	12.2	23.4	28.0	19.4	62	18.4	3.7	0.5	0	3.5	8.26
March	11.9	24.3	29.0	19.9	68	21.2	0.9	0.0	0	3.5	8.90
April	9.9	27.1	32.3	22.7	65	23.6	1.4	8.1	1	3.0	9.83
May	8.2	31.0	37.5	25.2	51	23.6	2.0	0.0	0	2.2	12.55
June	7.1	32.1	39.0	26.1	46	23.8	1.7	0.0	0	2.8	14.41
July	6.6	34.2	41.7	29.3	46	25.3	3.2	6.0	1	3.3	16.46
August	5.6	34.5	41.0	29.8	44	26.1	2.3	Drops	0	2.1	15.30
September	8.0	32.0	38.2	26.9	59	29.1	0.8	0.0	0	2.4	11.08
October	11.0	29.3	33.5	25.6	70	29.6	2.0	1.3	1	2.6	8.28
November	12.0	27.2	31.6	23.7	67	24.7	2.8	11.1	1	2.9	7.83
December	13.6	23.2	27.8	19.4	58	16.8	3.2	1.1	1	3.1	9.73
YEAR	1010.0	28.5	33.9	24.1	58	23.5	2.4	32.2	6	3.0	10.89

Absolute Max. 45.0 °C.

Absolute Min. 14.0 °C.

Max. Rain in 1 day 10.8 mms.

## SUAKIN.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 min. or over.		
<b>1929</b>											
January	1014.6	—	26.7	—	62	19.2	5.5	17.0	4	4.3	6.03
February	13.4	21.8	26.4	17.2	60	17.7	4.6	0.0	0	3.5	4.91
March	13.0	23.8	27.8	19.9	67	21.8	3.6	0.0	0	4.2	5.49
April	10.4	—	30.3	—	58	21.8	3.7	14.7	1	3.2	5.73
May	9.2	—	35.9	—	35	18.0	4.1	Drops	0	2.7	8.63
June	8.4	—	38.4	—	26	15.2	4.1	0.0	0	3.5	10.62
July	9.2	—	41.6	—	36	20.7	2.7	20.5	4	3.7	8.94
August	6.7	—	41.4	—	35	20.8	1.2	Drops	0	2.0	11.35
September	7.9	32.0	37.6	26.4	38	20.7	0.9	0.0	0	1.0	8.47
October	11.0	29.6	33.6	25.7	60	27.0	2.1	2.0	1	1.7	5.84
November	12.2	27.5	31.3	23.7	66	25.1	3.0	29.7	2	2.3	5.27
December	14.6	23.8	27.0	20.5	53	15.8	3.5	14.1	3	3.1	6.56
YEAR	1010.9	—	33.2	—	50	20.3	3.2	98.0	15	2.9	7.32

Absolute Max. 48.0 °C.

Absolute Min. ..... °C.

Max. Rain in 1 day 28.7 mmns.

## GEBEIT.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 min. or over.		
<b>1929</b>											
January	—	20.8	26.4	15.1	—	—	—	0.0	0	—	4.84
February	—	19.4	25.9	12.9	—	—	—	0.0	0	—	5.16
March	—	22.0	30.5	13.6	—	—	—	0.0	0	—	6.18
April	—	25.2	32.6	17.9	—	—	—	14.0	1	—	6.59
May	—	27.6	36.8	18.4	—	—	—	10.5	2	—	7.50
June	—	29.6	39.7	19.4	—	—	—	0.0	0	—	13.73
July	—	29.3	38.1	20.5	—	—	—	14.0	3	—	12.35
August	—	29.9	37.8	22.0	—	—	—	60.5	8	—	10.58
September	—	28.4	38.0	18.8	—	—	—	6.0	2	—	11.42
October	—	25.8	33.2	18.3	—	—	—	4.0	1	—	8.52
November	—	22.7	28.2	17.2	—	—	—	7.5	1	—	5.43
December	—	19.3	25.4	—	—	—	—	0.0	0	—	—
YEAR	—	25.0	32.7	—	—	—	—	116.5	18	—	—

Absolute Max. 41.0 °C.

Absolute Min. 9.0 °C.

Max. Rain in 1 day 88.0 mmns.

## MEROWE.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	Mean.	Mean	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean (0-12)	Picke.
	(m.b.)										
<b>1929</b>											
January	984.3	19.6	29.0	12.8	28	6.4	0.7	0.0	0	2.6	13.71
February	82.0	21.0	32.9	—	18	4.5	0.3	0.0	0	2.2	17.94
March	81.1	25.3	37.0	16.4	15	4.4	0.0	0.0	0	2.4	20.51
April	79.1	30.6	41.3	22.2	14	5.7	0.5	0.0	0	2.3	20.94
May	78.3	35.0	44.4	27.9	17	8.9	1.2	2.4	1	2.1	21.44
June	78.3	35.2	44.4	—	18	9.3	0.3	0.0	0	2.0	22.54
July	79.5	32.0	40.4	—	38	17.2	4.5	31.9	3	2.2	16.08
August	78.4	32.8	42.1	—	34	15.2	2.0	27.7	3	1.8	16.87
September	78.3	34.1	43.1	27.3	26	12.7	2.7	0.0	0	1.8	—
October	80.2	30.6	40.0	23.5	22	9.2	0.6	0.0	0	2.3	17.28
November	81.8	26.8	35.9	19.8	30	9.6	0.3	0.0	0	1.9	13.67
December	85.2	18.4	27.3	11.8	36	7.2	0.5	0.0	0	1.8	10.01
YEAR	980.5	28.4	38.2	—	25	9.2	1.1	62.0	7	2.1	—

Absolute Max. 48.0 °C.

Absolute Min. 8.0 °C.

Max. Rain in 1 day 24.4 mms

## TOKAR.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1929</b>											
January	—	23.8	28.0	19.7	72	21.2	4.7	28.0	5	2.1	7.68
February	—	24.4	28.7	20.0	62	19.4	5.5	0.0	0	2.2	8.50
March	—	26.0	30.7	21.3	64	21.8	4.5	0.0	0	2.2	9.23
April	—	29.0	34.0	24.0	61	25.6	3.0	17.0	2	2.4	10.63
May	—	32.9	41.4	24.4	41	22.0	0.5	0.0	0	2.0	18.89
June	—	32.3	42.6	22.0	29	17.3	0.0	0.0	0	2.4	22.78
July	—	31.4	40.6	22.1	32	19.5	0.0	34.6	3	4.5	—
August	—	33.2	41.9	24.4	40	22.8	0.0	0.0	0	—	—
September	—	31.2	42.0	20.4	42	22.2	1.6	Drops	0	—	15.90
October	—	28.8	37.0	20.5	55	27.0	6.4	Drops	0	—	18.19
November	—	25.6	33.8	17.5	54	23.1	3.9	5.0	1	—	12.92
December	—	23.0	29.2	16.7	54	17.3	7.3	24.7	2	2.8	9.66
YEAR	—	28.5	35.8	21.2	50	21.6	3.1	109.3	13	—	—

Absolute Max. 46.0 °C.

Absolute Min. 12.5 °C.

Max. Rain in 1 day 18.0 mms.

## ATBARA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Ptche.
	(m.b.)									(0-12)	
<b>1929</b>											
January	971.4	22.0	30.4	14.9	38	8.5	0.3	0.0	0	2.3	13.82
February	69.6	23.4	33.1	15.8	30	7.1	0.5	0.0	0	2.3	17.94
March	68.7	27.0	37.5	19.1	32	8.9	0.1	0.0	0	2.4	20.87
April	67.2	31.4	40.9	23.1	21	8.3	0.7	0.0	0	2.2	22.33
May	67.6	34.8	42.5	27.9	20	9.5	1.5	Drops	0	2.0	—
June	67.5	34.4	42.4	26.9	18	8.4	0.3	0.0	0	1.9	—
July	69.1	30.8	37.6	25.5	41	16.8	2.5	49.7	6	2.2	—
August	68.3	32.2	39.7	26.5	42	17.7	0.9	29.5	1	2.0	13.47
September	67.6	33.6	41.2	26.8	32	14.4	0.9	Drops	0	2.0	14.48
October	68.7	31.7	39.5	24.8	26	10.7	0.3	13.0	1	2.1	16.76
November	70.0	27.3	34.9	20.3	31	9.6	0.1	0.0	0	2.2	13.63
December	72.7	19.8	27.9	12.8	38	6.7	0.1	0.0	0	2.4	13.29
YEAR	969.0	29.0	37.3	22.0	31	10.6	0.7	92.2	8	2.2	—

Absolute Max. 45.0 °C.

Absolute Min. 8.0 °C.

Max. Rain in 1 day 29.5 mms.

## ZEIDAB.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Ptche.
	(m.b.)									(0-12)	
<b>1929</b>											
January	—	—	31.0	—	—	—	—	0.0	0	—	13.18
February	—	—	33.8	—	—	—	—	0.0	0	—	17.29
March	—	—	38.1	—	—	—	—	0.0	0	—	20.74
April	—	31.9	41.5	—	18	7.9	—	0.0	0	—	21.28
May	—	33.8	43.3	—	27	13.2	—	0.0	0	—	20.73
June	—	34.2	43.0	—	20	10.3	—	0.0	0	—	22.30
July	—	29.8	37.9	—	50	20.1	—	39.3	8	—	14.83
August	—	31.6	40.4	—	45	19.4	—	9.8	3	—	15.52
September	—	32.6	41.4	—	30	17.1	—	0.0	0	—	15.00
October	—	31.0	40.2	—	31	13.9	—	0.0	0	—	15.34
November	—	26.8	37.1	—	41	14.4	—	0.0	0	—	12.46
December	—	18.8	—	—	45	9.6	—	0.0	0	—	11.51
YEAR	—	—	—	—	—	—	—	49.1	11	—	26.69

Absolute Max. 46.1 °C.

Absolute Min. ... °C.

Max. Rain in 1 day 10.2 mms.

## AROMA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Piche.
<b>1929</b>											
January	—	—	33.1	—	62	17.4	1.7	0.0	0	2.6	10.10
February	—	26.4	36.6	26.2	61	20.8	1.7	0.0	0	4.7	12.79
March	—	27.6	38.0	27.1	44	16.3	1.4	0.0	0	3.5	15.03
April	—	31.8	41.8	21.9	35	21.1	3.8	7.1	1	3.9	16.43
May	—	31.2	41.0	21.4	38	18.7	3.3	0.0	0	3.0	17.76
June	—	31.2	40.0	22.4	43	19.4	3.2	53.8	3	2.2	17.55
July	—	28.1	34.0	22.2	66	24.0	3.5	104.4	9	2.1	10.42
August	—	28.6	36.3	21.0	62	22.8	1.7	102.6	4	2.5	11.94
September	—	30.4	38.5	22.4	59	23.5	2.3	16.4	3	2.8	13.08
October	—	29.9	38.6	21.2	45	20.0	0.8	0.0	0	2.5	13.77
November	—	26.8	36.5	17.0	56	20.8	0.2	0.0	0	2.7	12.82
December	—	22.3	31.9	12.7	61	16.0	0.5	0.0	0	3.2	10.95
YEAR	—	—	37.2	—	53	20.1	2.0	284.3	20	3.0	13.55

Absolute Max. 44.8 °C.

Absolute Min. 7.2 °C.

Max. Rain in 1 day 60.0 mms.

## KHARTOUM (North).

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Piche.
<b>192</b>											
January	—	22.8	31.0	14.6	48	10.1	2.0	0.0	0	2.8	15.53
February	—	24.6	34.0	15.3	34	8.3	2.0	0.0	0	2.4	18.57
March	—	27.4	38.0	16.9	23	6.9	1.1	0.0	0	3.1	22.54
April	—	31.4	41.2	21.6	24	10.1	2.0	Drops	0	2.3	22.48
May	—	34.0	42.1	25.9	37	17.7	4.5	13.6	2	3.8	19.36
June	—	33.4	41.2	25.7	39	18.5	3.0	4.7	1	4.0	—
July	—	29.0	34.9	23.0	70	24.1	5.3	190.1	9	1.9	9.08
August	—	29.2	35.1	23.4	70	24.8	3.4	65.8	4	1.6	9.15
September	—	31.4	38.4	24.3	60	23.2	3.0	3.8	1	1.3	11.43
October	—	31.1	39.4	22.8	39	15.2	1.7	1.0	1	1.8	15.83
November	—	26.7	34.7	18.7	36	11.6	0.5	0.0	0	2.2	14.04
December	—	20.6	28.9	12.2	35	7.2	0.6	0.0	0	2.6	13.24
YEAR	—	28.5	36.6	20.4	43	14.8	2.4	279.0	18	2.5	—

Absolute Max. 45.0 °C.

Absolute Min. 5.3 °C.

Max. Rain in 1 day 53.5 mms.

## KASSALA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Pitch.
	(m.b.)	(m.b.)			(%)	(m.b.)	(0-10)	(mm.)		(0-12)	
<b>1929</b>											
January	952.2	22.5	34.9	—	62	15.8	1.3	0.0	0	2.8	10.86
February	51.0	24.0	37.7	—	62	16.1	2.3	0.0	0	2.5	13.27
March	50.6	27.8	40.1	—	46	16.0	1.4	0.0	0	2.6	16.74
April	49.5	31.8	41.8	—	44	19.8	2.6	13.4	1	2.7	16.34
May	51.1	32.2	40.7	—	47	21.7	3.3	8.0	3	2.8	23.64
June	52.0	30.4	39.0	—	52	21.3	2.0	43.5	4	3.0	11.53
July	54.2	26.2	33.2	—	72	23.6	5.2	109.4	14	2.9	5.34
August	53.5	26.9	34.1	—	68	23.9	3.2	160.9	6	2.8	5.77
September	52.7	28.4	36.9	—	64	23.8	2.2	14.0	5	2.4	7.38
October	—	—	—	—	—	—	—	—	—	—	—
November	51.8	27.6	38.6	—	44	15.8	0.2	0.0	0	2.1	12.44
December	54.0	21.8	33.1	—	54	13.5	0.1	0.0	0	2.1	10.13
YEAR ...	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 45.5 °C.

Absolute Min. ..... °C.

Max. Rain in 1 day 91.5 mms.

## GEBEL AULIA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Pitch.
	(m.b.)	(m.b.)			(%)	(m.b.)	(0-10)	(mm.)		(0-12)	
<b>1929</b>											
January	—	22.2	31.3	16.0	39	9.5	1.0	0.0	0	2.1	16.46
February	—	24.7	34.8	17.7	26	6.8	1.0	0.0	0	1.9	19.34
March	—	27.7	38.1	19.2	26	8.8	0.3	0.0	0	2.2	23.97
April	—	31.6	40.7	23.9	21	8.9	1.4	Drops	0	1.9	24.14
May	—	32.7	40.4	26.8	38	16.0	3.3	25.2	6	2.0	19.12
June	—	32.5	39.6	26.4	36	15.5	2.1	16.3	1	2.1	19.29
July	—	28.0	33.9	23.7	66	23.4	5.3	141.1	11	2.5	9.07
August	—	28.1	34.0	23.6	67	24.4	3.2	120.8	6	2.1	9.27
September	—	30.2	36.2	25.4	54	21.8	2.9	5.6	2	1.6	11.65
October	—	30.7	37.9	25.3	37	15.1	1.9	Drops	0	1.4	16.83
November	—	26.9	34.9	21.0	41	13.2	0.4	0.0	0	1.6	15.86
December	—	20.1	28.4	14.1	40	8.4	0.5	0.0	0	1.2	13.88
YEARS ...	—	28.0	35.8	21.9	41	14.3	1.9	309.0	26	1.9	16.57

Absolute Max. 44.2 °C.

Absolute Min. 9.1 °C.

Max. Rain in 1 day 41.7 mms.

D. I. Y. 1000 ft.

1000 ft. null wind.

## WAD SHAIR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picbe.
<b>1929</b>											
January ...	—	—	—	—	—	—	—	—	—	—	—
February ...	—	—	—	—	—	—	—	—	—	—	—
March ...	—	—	—	—	—	—	—	—	—	—	—
April ...	—	—	—	—	—	—	—	—	—	—	—
May ...	—	—	—	—	—	—	—	—	—	—	—
June ...	—	—	—	—	—	—	—	—	—	—	—
July ...	—	—	—	—	—	—	—	—	—	—	—
August ...	—	—	33°0	—	78	25°2	4°7	92°8	6	2°2	7°75
September ...	—	27°6	34°5	20°8	72	25°6	5°3	56°2	3	2°3	7°47
October ...	—	28°6	38°6	18°7	50	18°8	2°4	3°5	1	2°3	11°71
November ...	—	24°6	35°8	13°3	—	—	0°4	0°0	0	2°8	12°59
December ...	—	—	31°0	—	37	7°3	0°9	0°0	0	3°1	11°87
YEAR ...	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. .... °C.

Absolute Min. .... °C.

Max. Rain in 1 day ..... mms.

## TAYIBA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picbe.
<b>1929</b>											
January ...	—	24°2	34°8	13°5	58	14°0	—	—	—	—	—
February ...	—	27°2	37°9	16°6	42	12°3	—	—	—	—	—
March ...	—	30°0	40°8	19°3	35	12°7	—	—	—	—	—
April ...	—	32°5	42°6	22°4	33	14°1	—	19°8	2	—	—
May ...	—	31°6	40°4	22°7	54	20°0	—	78°7	8	—	—
June ...	—	31°5	39°9	23°1	50	20°9	—	55°1	4	—	—
July ...	—	29°3	36°2	22°4	71	26°0	—	250°9	10	—	—
August ...	—	27°0	33°8	22°0	77	25°7	—	219°2	8	—	—
September ...	—	28°6	35°1	22°2	—	—	—	53°0	4	—	—
October ...	—	29°4	35°7	23°2	—	—	—	4°9	1	—	—
November ...	—	28°5	36°6	20°4	—	—	—	0°0	0	—	—
December ...	—	22°0	31°6	12°3	53	12°9	—	0°0	0	—	—
YEAR ...	—	28°6	37°1	20°0	—	—	—	—	—	—	—

Absolute Max. 45°0 °C.

Absolute Min. 7°1 °C.

Max. Rain in 1 day 68°1 mms.

## WAD MEDANI (Hospital).

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1929</b>											
January	965.0	24.2	34.3	14.2	—	—	0.9	0.0	0	2.0	11.85
February	63.1	27.6	37.5	18.8	—	—	1.2	0.0	0	2.1	14.58
March	62.0	30.6	40.3	20.6	—	—	1.5	0.0	0	2.0	16.39
April	61.5	32.1	41.6	20.8	22	10.0	1.5	9.7	1	2.0	16.90
May	63.2	31.8	40.0	—	—	—	2.8	5.0	1	2.3	15.21
June	63.4	31.6	39.2	—	45	20.4	2.2	25.0	4	2.2	13.89
July	65.2	27.2	33.9	21.9	60	20.0	4.8	319.5	12	2.1	12.36
August	64.4	26.9	33.3	21.7	70	23.8	4.7	149.1	8	2.1	12.86
September	64.4	28.1	35.3	22.0	68	25.1	3.6	155.9	4	2.1	13.70
October	63.1	30.2	38.3	23.0	58	24.5	1.6	0.0	0	1.9	14.25
November	63.4	29.4	37.3	20.3	48	18.7	0.8	0.0	0	2.1	12.92
December	66.0	23.0	32.0	14.8	35	9.1	1.1	0.0	0	2.1	12.12
YEAR	963.7	28.6	36.9	—	—	—	2.2	664.2	30	2.1	13.92

Absolute Max. 45.0 °C.

Absolute Min. 8.0 °C.

Max. Rain in 1 day 67.0 mms.

## WAD MEDANI (Research Farm).

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1929</b>											
January	963.6	23.4	33.8	14.9	31	8.5	0.1	0.0	0	1.3	14.29
February	61.6	26.1	36.9	17.7	22	6.7	0.5	0.0	0	1.2	19.24
March	60.8	28.8	39.9	19.7	23	8.3	0.3	0.0	0	1.5	22.52
April	60.0	31.4	41.3	23.1	28	12.1	2.0	12.2	3	1.2	20.13
May	62.0	31.1	39.9	25.1	40	16.4	4.0	25.9	3	1.5	16.35
June	62.8	30.5	39.1	23.9	45	18.4	2.8	43.9	6	1.6	16.05
July	64.4	25.9	33.1	21.8	80	24.8	5.8	351.3	15	1.5	5.67
August	63.9	25.8	32.2	21.5	82	25.7	3.9	184.5	10	1.1	4.45
September	63.4	26.8	33.8	21.6	76	25.6	3.1	85.5	4	0.9	4.46
October	62.6	29.1	38.2	21.9	51	18.4	2.4	4.0	2	0.8	9.52
November	62.8	27.1	36.6	18.9	34	10.9	0.2	0.0	0	0.7	12.46
December	65.5	21.2	31.3	12.8	32	7.2	0.2	0.0	0	1.0	11.70
YEAR	962.8	27.3	36.3	20.2	45	15.2	2.1	707.3	43	1.2	13.07

Absolute Max. 44.2 °C.

Absolute Min. 7.5 °C.

Max. Rain in 1 day 82.0 mms.

EL DUEIM.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
	(m.b.)										
<b>1929</b>											
January ...	969.2	21.2	35.5	12.6	31	7.7	0.2	0.0	0	2.5	12.92
February ...	68.0	23.8	37.7	16.4	26	7.7	1.0	0.0	0	2.6	15.33
March ...	66.4	26.5	40.3	19.4	23	8.0	0.2	0.0	0	3.1	16.86
April ...	65.0	31.2	42.6	23.0	18	8.3	0.0	4.5	1	3.5	17.58
May ...	68.0	30.4	39.9	25.0	39	16.8	3.9	34.4	2	3.1	13.65
June ...	67.8	30.2	39.8	23.9	35	14.7	2.4	31.7	3	3.0	13.68
July ...	69.6	25.4	34.2	22.3	70	22.4	5.6	130.0	12	2.8	6.99
August ...	69.1	25.2	32.7	22.0	78	24.9	2.8	195.1	10	2.4	5.38
September ...	68.0	26.8	35.5	22.3	69	24.0	2.4	51.7	3	2.3	8.09
October ...	67.4	29.2	38.9	23.5	54	21.7	0.8	1.7	1	2.4	9.62
November ...	67.1	27.8	38.2	19.6	32	11.7	0.0	0.0	0	2.6	13.11
December ...	70.4	20.7	31.8	13.5	28	6.7	0.1	0.0	0	2.7	11.23
YEAR ...	968.0	26.5	37.3	20.3	42	14.6	1.6	449.1	32	2.8	12.04

Absolute Max. 45.5 °C.

Absolute Min. 8.5 °C.

Max. Rain in 1 day 87.2 mms.

EL FASHER.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picke.
	(m.b.)										
<b>1929</b>											
January ...	928.0	17.7	31.7	—	26	4.8	1.0	0.0	0	0.8	10.23
February ...	26.3	21.4	35.8	—	22	5.1	2.2	0.0	0	1.3	12.44
March ...	25.9	23.9	38.0	—	21	6.3	1.0	9.0	0	1.7	13.87
April ...	25.2	27.2	39.6	16.8	—	—	3.0	1.0	1	1.8	14.87
May ...	25.1	29.5	39.7	21.7	34	13.3	4.9	35.4	3	3.0	12.62
June ...	25.6	29.1	39.4	21.4	48	18.7	4.3	32.1	5	2.6	11.65
July ...	26.3	25.4	34.0	19.4	66	20.3	5.1	244.7	12	2.5	6.45
August ...	27.1	24.4	33.1	18.0	72	20.8	2.6	154.1	12	1.2	4.48
September ...	26.8	25.2	35.3	17.6	66	19.2	2.4	87.7	9	1.3	5.63
October ...	27.1	24.8	37.5	—	35	9.9	0.7	0.0	0	1.2	9.78
November ...	27.5	20.8	35.4	—	31	8.4	0.3	0.0	0	1.1	9.55
December ...	28.7	17.6	30.0	7.8	32	5.7	0.2	0.0	0	1.1	7.64
YEAR ...	926.6	23.9	35.8	—	—	—	2.3	555.0	42	1.6	9.93

Absolute Max. 43.0 °C.

Absolute Min. ... °C.

Max. Rain in 1 day 115.0 mms.

## MAKWAR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. Kms. per hour.	Piche.
<b>1929</b>											
January ...	963.8	25.2	35.0	15.5	74	17.8	0.9	0.0	0	15.8	16.14
February ...	62.0	27.8	37.8	17.9	55	16.0	2.0	0.0	0	13.7	18.90
March ...	61.2	30.5	40.9	20.1	—	—	0.4	0.0	0	18.9	23.73
April ...	61.1	32.6	41.8	23.3	49	22.0	1.7	11.7	3	16.1	20.17
May ...	63.2	31.4	39.2	23.5	6	27.8	5.4	25.5	5	17.7	15.30
June ...	63.2	30.4	38.3	22.6	79	29.4	4.5	75.2	7	16.3	13.69
July ...	65.0	27.0	32.4	21.5	90	28.4	6.5	163.0	13	13.6	6.18
August ...	64.2	27.0	32.0	21.0	89	27.6	5.2	165.9	10	10.4	5.71
September ...	63.9	27.7	34.5	20.9	85	27.9	4.7	94.5	5	11.1	6.14
October ...	63.0	29.6	38.0	21.2	53	20.8	0.6	6.5	2	10.7	10.74
November ...	65.6	28.1	37.6	18.6	52	18.1	0.2	0.0	0	7.7	15.13
December ...	65.5	23.2	32.4	13.9	74	17.3	0.3	0.0	0	15.6	15.86
YEAR ...	963.5	28.4	36.7	20.0	—	—	2.7	542.3	45	14.0	13.97

Absolute Max. 45.0 °C.

Absolute Min. 8.0 °C.

Max. Rain in 1 day 48.7 mms.

## EL OBEID.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Piche.
<b>1929</b>											
January ...	947.9	20.4	30.5	12.2	31	8.8	1.9	0.0	0	3.0	11.44
February ...	45.8	23.6	34.3	15.2	18	6.5	2.0	0.0	0	2.6	14.73
March ...	45.5	25.9	36.8	16.8	16	6.9	1.0	0.0	0	3.0	16.40
April ...	44.6	29.6	39.5	21.3	16	7.2	2.0	Drops	0	3.3	15.63
May ...	45.5	29.5	37.6	23.2	43	16.7	5.4	79.6	4	4.3	10.52
June ...	46.0	29.1	37.5	22.8	52	20.0	5.9	69.1	4	4.2	9.51
July ...	46.7	25.6	32.1	20.8	72	23.0	7.5	70.1	9	4.2	4.40
August ...	47.0	25.6	32.3	20.4	73	23.5	6.3	132.8	8	3.4	5.05
September ...	46.0	26.8	34.7	20.8	62	20.9	5.9	67.7	6	2.9	6.10
October ...	46.0	27.7	36.4	20.3	38	14.3	3.4	3.5	1	2.6	10.78
November ...	46.4	25.1	34.8	16.2	26	8.9	0.9	0.0	0	2.7	11.75
December ...	48.6	19.1	29.1	10.2	28	6.1	1.0	0.0	0	2.7	9.86
YEAR ...	946.3	25.7	34.6	18.4	40	13.6	3.6	422.8	32	3.2	10.51

Absolute Max. 42.5 °C.

Absolute Min. 5.0 °C.

Max. Rain in 1 day 51.0 mms.

**SINGA.**

YEAR.	PRESSURE,	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picbs.
<b>1929</b>											
January	—	—	—	17°4	40	10°1	1°6	0°0	0	3°4	12°88
February	—	—	—	19°5	30	8°8	2°4	0°0	0	2°6	16°15
March	—	31°4	41°1	21°8	29	10°9	2°2	0°0	0	3°5	18°11
April	—	33°0	41°7	24°2	37	16°9	3°2	38°2	2	4°1	15°95
May	—	30°9	38°4	23°4	56	21°4	6°1	29°2	4	3°9	11°35
June	—	29°9	37°0	22°8	59	21°7	6°2	95°1	8	4°0	9°15
July	—	26°4	31°4	21°5	76	24°1	6°2	168°4	15	3°2	4°93
August	—	26°6	32°0	21°3	74	23°5	6°6	201°1	11	3°0	3°98
September	—	27°6	34°0	21°1	71	23°1	5°8	117°1	6	3°5	4°31
October	—	29°4	37°9	20°9	58	21°3	2°4	33°4	4	3°0	7°54
November	—	28°0	37°7	18°4	44	15°1	1°0	0°0	0	3°4	12°44
December	—	23°6	32°5	14°8	36	8°9	0°7	0°0	0	4°5	14°91
YEAR	—	—	—	20°6	51	17°2	3°7	682°5	50	3°5	10°14

Absolute Max. 45°0 °C.

Absolute Min. 11°0 °C.

Max. Rain in 1 day 61°0 mms.

**GALLABAT.**

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picbs.
<b>1929</b>											
January	927°4	26°0	36°3	17°0	35	10°8	0°1	0°0	0	1°4	13°40
February	26°0	29°0	38°3	21°2	38	15°0	1°0	0°3	0	1°7	16°15
March	25°4	31°4	40°5	23°1	32	16°8	1°2	1°3	1	1°5	19°26
April	26°2	31°6	39°5	24°5	36	17°3	3°3	15°2	3	1°9	17°54
May	29°0	27°6	34°7	21°5	48	18°0	3°9	154°7	15	1°5	9°08
June	29°6	25°3	32°1	20°2	69	21°1	2°9	170°7	13	1°1	6°46
July	30°8	22°8	28°5	19°8	84	22°5	5°7	160°8	19	0°9	3°57
August	30°3	22°8	29°6	19°0	86	22°8	6°1	322°8	24	1°1	3°55
September	29°5	23°9	31°2	19°5	82	23°5	5°0	291°4	15	1°1	3°60
October	28°8	24°7	33°7	18°4	70	20°0	3°0	56°0	4	0°9	5°81
November	28°2	25°3	36°1	17°0	48	13°5	1°4	6°0	1	1°0	10°06
December	29°0	24°2	34°2	15°6	38	10°5	0°3	Drops	0	1°0	11°20
YEAR	928°4	26°2	34°6	19°7	55	17°6	2°8	1179°2	95	1°3	9°97

Absolute Max. 48°7 °C.

Absolute Min. 10°0 °C.

Max. Rain in 1 day 47°0 mms.

## ROSEIRES.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1929</b>											
January	...	25.0	36.9	17.3	34	10.7	1.2	0.0	0	1.6	13.04
February	...	27.2	39.1	19.8	37	13.1	3.5	0.0	0	1.2	14.52
March	...	29.9	41.8	20.8	32	13.1	2.6	0.0	0	1.8	16.03
April	...	31.8	40.2	21.5	30	14.3	3.6	9.6	3	2.2	16.93
May	...	27.5	35.6	22.3	46	16.7	6.0	99.7	9	1.6	—
June	...	26.0	33.7	21.9	44	14.4	7.6	155.4	9	1.3	—
July	...	24.9	31.7	21.1	58	18.1	7.7	181.1	13	1.2	—
August	...	24.7	31.8	20.5	62	19.2	8.3	142.2	14	1.3	—
September	...	25.0	33.3	20.6	64	20.0	7.0	146.4	15	1.2	—
October	...	26.2	35.8	19.9	68	22.7	2.2	35.2	4	0.9	—
November	...	26.3	37.6	18.5	58	19.9	0.1	0.0	0	0.1	—
December	...	24.5	34.6	15.5	46	14.1	0.4	0.0	0	0.4	—
YEAR	...	26.6	36.0	20.0	48	16.4	4.2	769.6	67	1.2	—

Absolute Max. 45.0 °C.

Absolute Min. 9.5 °C.

Max. Rain in 1 day 57.7 mms.

## MALAKAL.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									Kms. per hour.	Picke.
<b>1929</b>											
January	...	963.9	26.1	35.9	19.0	8.9	0.9	0.0	0	6.5	16.26
February	...	62.6	28.2	38.1	21.4	30	10.1	3.5	Drops	0	3.2
March	...	62.3	29.9	40.1	22.4	26	10.4	2.7	2.6	1	2.5
April	...	63.5	29.8	37.8	24.2	52	20.0	5.3	38.4	3	3.9
May	...	65.6	26.6	34.0	22.2	74	24.1	5.5	132.9	13	4.7
June	...	66.7	26.0	33.2	21.9	76	24.5	6.4	180.2	13	4.2
July	...	67.5	24.6	30.6	21.3	86	25.6	7.0	224.4	17	3.7
August	...	66.8	25.2	31.3	21.6	84	26.0	6.4	290.0	18	2.9
September	...	65.8	26.5	33.6	22.2	78	25.7	5.9	75.5	9	2.1
October	...	65.0	26.4	33.7	21.8	78	25.3	4.1	105.5	8	2.7
November	...	64.2	26.7	35.1	20.0	65	20.1	0.4	34.0	1	2.6
December	...	65.4	24.1	33.8	17.1	32	9.2	1.0	Drops	0	5.0
YEAR	...	964.9	26.7	34.8	21.3	59	19.2	4.2	1083.5	83	3.8

Absolute Max. 42.8 °C.

Absolute Min. 13.0 °C.

Max. Rain in 1 day 77.8 mms.

**HILLET DOLEIB.**

YEAR	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picbs.
	(m.b.)										
<b>1929</b>											
January	—	27.4	36.4	18.4	26	7.6	3.6	Drops	0	3.2	—
February	—	30.0	39.0	20.9	28	9.3	5.5	6.9	1	2.2	—
March	—	31.4	40.8	22.1	24	10.0	2.4	0.4	0	2.6	—
April	—	31.4	38.8	24.1	58	23.1	5.3	17.1	4	1.5	—
May	—	28.4	34.8	22.1	68	24.3	6.7	95.0	7	1.4	—
June	—	27.8	34.1	21.5	80	25.3	7.7	219.3	12	1.2	—
July	—	26.1	31.2	21.0	86	25.6	7.5	171.0	15	1.6	—
August	—	26.6	32.0	21.3	87	27.1	5.9	229.9	17	1.1	—
September	—	27.8	34.0	21.5	82	26.4	4.7	146.4	11	1.4	—
October	—	27.4	33.6	21.2	79	26.1	4.9	122.5	9	1.3	—
November	—	27.1	35.2	19.0	52	18.2	2.3	6.8	1	1.4	—
December	—	25.2	33.6	16.7	26	7.3	2.8	0.1	0	4.0	—
YEAR	—	28.0	35.3	20.8	58	19.2	4.9	1015.4	77	1.9	—

Absolute Max. 43.8 °C.

Absolute Min. 12.5 °C.

Max. Rain in 1 day 59.5 mmns.

**KAFIA KINGI.**

YEAR	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Picbs.
	(m.b.)									(0-12)	
<b>1929</b>											
January	—	—	34.3	—	—	—	—	0.0	0.0	0	3.6
February	—	—	38.1	—	—	—	—	2.5	0.0	0	3.3
March	—	—	39.8	—	—	—	—	2.0	19.4	1	4.0
April	—	—	38.7	—	—	—	—	2.3	36.4	3	4.7
May	—	—	34.5	—	—	—	—	2.4	140.4	8	2.5
June	—	—	32.3	—	—	—	—	1.5	163.9	8	2.5
July	—	—	29.7	—	—	—	—	2.3	97.6	5	3.8
August	—	—	29.9	—	—	—	—	2.0	257.6	10	3.9
September	—	—	30.9	—	—	—	—	1.7	148.2	8	3.0
October	—	—	33.5	—	—	—	—	0.9	12.5	1	2.4
November	—	—	—	—	—	—	—	0.1	0.2	0	2.1
December	—	—	—	—	—	—	—	0.1	0.0	0	2.6
YEAR	—	—	—	—	—	—	—	1.5	867.3	44	3.2

Absolute Max. 42.2 °C.

Absolute Min. ..... °C.

Max. Rain in 1 day 70.6 mmns.

## RAGA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1929</b>											
January	—	23·4	36·4	12·7	60	16·8	2·5	0·0	0	2·0	6·90
February	—	25·9	38·8	17·4	—	—	3·1	Drops	0	1·6	6·87
March	—	28·8	40·7	17·7	67	24·3	3·2	0·0	0	1·8	8·59
April	—	26·9	38·1	21·0	80	27·6	5·4	70·3	6	2·1	5·24
May	—	25·7	35·1	20·7	86	29·4	5·1	216·6	8	1·8	3·38
June	—	25·2	34·1	20·5	90	29·8	5·4	112·7	11	2·1	3·16
July	—	23·6	30·8	19·9	88	26·1	5·8	234·2	19	1·4	2·00
August	—	23·7	32·0	19·7	89	26·4	5·9	238·7	16	1·3	2·04
September	—	24·5	33·2	19·8	88	27·1	5·6	183·9	15	1·3	2·03
October	—	23·6	34·3	19·1	88	25·8	5·0	94·1	10	1·3	2·93
November	—	23·5	36·8	15·8	74	21·3	4·0	9·2	1	1·6	4·98
December	—	20·6	35·1	12·4	66	19·1	3·7	0·0	0	1·4	6·18
YEAR	—	24·4	35·4	18·1	—	—	4·6	1159·7	86	1·6	4·52

Absolute Max. 43·9 °C.

Absolute Min 5·9 °C.

Max. Rain in 1 day 99·1 mms.

## GAMBELA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.				8 h.	8 h. (0-10)		
	(m.b.)										
<b>1929</b>											
January	—	27·5	36·5	18·5	56	17·8	2·1	2·0	1	1·5	8·58
February	—	29·7	37·3	22·1	61	22·0	2·4	28·7	6	1·6	9·32
March	—	30·6	38·8	22·5	52	20·4	2·2	17·0	3	1·7	10·69
April	—	28·8	34·9	22·7	75	24·5	4·5	242·5	14	1·6	6·00
May	—	26·8	31·6	22·0	85	26·0	3·8	166·5	18	1·2	3·01
June	—	26·0	31·3	20·8	86	24·7	3·8	143·9	16	1·0	2·60
July	—	24·9	29·5	20·3	92	25·3	4·4	260·1	17	1·0	1·70
August	—	25·2	30·0	20·4	88	24·4	4·5	216·6	16	1·1	2·19
September	—	26·4	31·9	21·0	85	24·9	4·3	151·9	12	1·3	3·07
October	—	26·2	32·3	20·1	78	24·3	2·0	161·6	13	1·5	3·69
November	—	26·4	33·9	19·0	80	24·9	1·7	6·1	2	1·2	4·05
December	—	26·2	33·4	19·0	85	23·8	2·2	9·2	4	1·6	4·65
YEAR	—	27·1	33·4	20·7	77	23·6	3·2	1406·1	122	1·4	4·96

Absolute Max. 41·0 °C.

Absolute Min 14·0 °C.

Max. Rain in 1 day 85·0 mms.

## ZERAF CUT.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND VELOCITY. Mean Kms. per hour.	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
		(m.b.)									
<b>1929</b>											
January	—	22.8	31.1	17.5	76	19.5	1.0	Drops	0	0.6	3.59
February	—	24.4	32.5	19.5	81	21.8	3.1	5.3	2	0.4	3.29
March	—	25.1	33.5	20.0	80	23.1	2.3	0.5	0	0.7	3.64
April	—	25.7	32.3	21.9	86	27.2	5.0	21.4	4	0.5	2.27
May	—	25.2	31.2	21.2	90	27.9	5.0	191.9	10	0.1	1.68
June	—	25.0	30.9	21.3	91	27.4	5.2	177.5	7	0.6	1.80
July	—	24.1	29.6	21.2	91	26.2	2.8	96.2	10	0.2	1.69
August	—	24.7	30.4	21.7	92	26.8	3.0	150.2	12	0.0	1.63
September	—	25.1	31.1	22.2	92	27.4	6.1	79.0	7	0.1	1.63
October	—	24.9	31.4	22.0	92	27.4	5.4	100.6	8	0.0	1.60
November	—	25.4	32.6	21.6	90	26.7	3.1	Drops	0	0.0	1.95
December	—	22.1	30.9	16.9	78	18.7	2.2	Drops	0	0.0	2.95
YEAR	—	24.5	31.5	20.6	87	25.0	3.7	822.6	60	0.3	2.31

Absolute Max. 36.2 °C.

Absolute Min. 12.0 °C.

Max Rain in 1 day 59.0 mms.

## WAU.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
		(m.b.)									
<b>1929</b>											
January	959.9	25.3	—	16.7	44	12.5	2.3	0.0	0	1.6	11.72
February	60.2	26.0	—	17.9	52	16.7	3.8	10.9	1	1.7	11.45
March	59.2	28.0	—	20.2	48	17.6	3.8	8.4	2	1.9	14.23
April	59.0	27.6	—	21.4	66	22.7	5.1	54.9	6	2.2	9.34
May	60.8	26.5	34.3	20.8	74	24.7	5.5	166.5	9	2.3	6.62
June	60.8	25.6	33.3	20.4	78	24.3	5.9	173.2	10	2.2	5.34
July	61.9	24.2	31.1	19.4	82	24.1	6.9	207.8	13	2.3	3.61
August	61.6	24.4	32.0	19.2	82	24.7	6.1	131.5	13	2.3	3.93
September	60.7	24.4	32.2	19.0	82	24.5	5.6	197.4	12	2.5	3.83
October	60.2	25.3	33.9	19.0	79	24.1	5.6	199.4	11	2.3	4.48
November	58.8	25.6	35.5	17.7	72	23.1	4.0	26.8	2	2.2	6.46
December	59.9	23.9	34.5	15.0	63	19.6	3.8	12.1	1	2.7	8.94
YEAR	960.2	25.6	—	18.9	68	21.6	4.9	2188.9	80	2.2	7.49

Absolute Max. ... °C.

Absolute Min. 10.0 °C.

Max. Rain in 1 day 98.8 mms.

## YUBO.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Piche.
	(m.b.)										
<b>1929</b>											
January	—	26.1	33.0	19.2	71	19.9	1.9	Drops	0	4.1	—
February	—	26.4	32.8	19.9	78	22.0	3.9	4.0	1	4.1	—
March	—	26.2	32.5	20.0	78	22.2	3.8	99.0	7	4.2	—
April	—	24.7	30.1	19.3	88	24.0	5.9	101.0	12	4.0	—
May	—	24.8	30.4	19.2	88	24.7	5.7	310.0	11	3.8	—
June	—	23.5	29.0	18.0	89	23.4	5.4	305.0	13	3.8	—
July	—	22.2	27.0	17.5	94	22.7	7.3	174.0	15	3.8	—
August	—	23.0	28.2	17.9	92	23.2	6.5	225.0	13	3.3	—
September	—	24.0	29.4	18.5	88	23.5	4.7	155.0	14	3.4	—
October	—	23.9	29.5	18.3	90	23.1	5.9	229.0	13	3.5	—
November	—	24.8	30.9	18.7	87	22.8	3.7	52.0	6	3.6	—
December	—	24.0	30.6	17.5	75	18.2	3.5	78.0	2	3.8	—
YEAR	—	24.5	30.3	18.7	85	22.5	4.8	1732.0	107	3.8	—

Absolute Max. 36.2 °C.

Absolute Min. 15.0 °C.

Max. Rain in 1 day 120.0 mms.

## MONGALLA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Piche.
	(m.b.)									(0-12)	
<b>1929</b>											
January	957.1	27.8	38.0	20.2	43	14.1	1.1	4.6	1	1.5	10.85
February	56.3	29.1	38.6	22.3	47	16.3	1.4	10.2	3	1.8	11.31
March	56.7	29.4	38.3	22.7	45	16.1	2.1	10.6	4	2.0	11.20
April	58.2	26.6	34.1	22.2	70	22.5	5.9	83.3	11	1.9	5.34
May	59.8	26.2	33.7	21.3	76	24.0	4.4	144.4	6	1.5	3.91
June	60.6	25.8	33.4	20.8	76	23.8	4.9	116.3	11	1.6	3.71
July	61.8	24.2	31.2	19.8	86	24.3	7.2	142.7	9	1.7	2.69
August	60.8	25.0	33.1	19.8	80	23.6	5.8	84.2	6	2.4	3.74
September	59.8	25.4	34.7	19.9	80	23.4	5.7	114.4	10	2.6	4.35
October	59.2	25.2	33.6	19.7	80	23.8	6.1	115.6	13	2.3	4.19
November	58.2	26.1	35.4	19.6	70	21.6	4.2	87.6	6	2.3	5.55
December	58.7	25.0	34.3	18.3	58	16.8	5.9	17.2	3	2.9	6.25
YEAR	958.9	26.3	34.9	20.6	68	20.9	4.6	931.1	82	2.0	6.09

Absolute Max. 48.3 °C.

Absolute Min. 14.5 °C.

Max. Rain in 1 day 62.0 mms.

## TORIT.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10).	Total (mm.)		
<b>1929</b>											
January ...	—	—	—	—	—	—	—	—	1.1	0	—
February	—	—	—	—	—	—	—	1.3	4.3	2	—
March	—	—	—	—	—	—	—	3.3	11.5	3	—
April	—	—	—	—	83	29.1	6.5	128.0	17	—	6.26
May...	—	—	—	—	85	27.5	4.8	97.8	13	—	4.67
June	—	—	—	—	84	26.4	3.0	87.9	9	—	4.87
July...	—	—	—	—	84	25.4	6.0	120.5	14	—	3.11
August	—	—	—	—	86	25.4	4.3	118.4	11	—	4.05
September	—	—	—	—	85	28.9	3.7	94.6	9	—	4.74
October ...	—	—	—	19.0	70	22.2	4.9	82.1	12	—	4.75
November	—	—	—	18.6	62	19.9	3.1	78.0	6	—	6.59
December	—	—	—	18.1	67	19.0	5.1	57.8	7	—	6.40
YEAR ...	—	—	—	—	—	—	—	882.0	103	—	—

Absolute Max. ... °C.      Absolute Min. ... °C.      Max. Rain in 1 day 51.0 mms.

## LOKA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10).	Total (mm.)		
<b>1929</b>											
January ...	—	—	—	—	—	—	—	—	—	—	—
February	—	27.0	34.3	19.6	63	18.8	2.1	12.5	3	3.3	9.22
March	—	—	34.0	—	72	22.7	2.6	16.4	5	2.5	9.97
April	—	25.0	30.8	19.3	80	22.2	5.4	178.0	14	2.1	4.50
May	—	23.8	29.0	18.7	84	22.7	5.0	170.7	10	1.8	3.79
June	—	23.8	29.5	18.0	78	21.7	4.0	170.5	8	1.3	—
July	—	22.3	26.8	17.8	90	21.1	7.3	141.6	14	1.0	—
August	—	22.8	28.0	17.5	87	21.1	6.4	184.1	17	1.1	3.23
September	—	23.2	29.1	17.3	81	21.3	5.7	136.8	11	1.2	3.31
October ...	—	23.4	29.4	17.4	86	21.3	5.6	254.0	20	0.9	3.35
November	—	24.2	30.4	18.1	75	20.5	2.8	102.5	9	2.0	5.09
December	—	23.6	29.8	17.3	59	15.9	3.6	24.0	5	2.4	6.95
YEAR ...	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 37.1 °C.      Absolute Min. ..... °C.      Max. Rain in 1 day 74.8 mms.

## LERUA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	
										8 h. (0-12)	Picke.
<b>1929</b>											
January	—	—	—	—	16·5	33	10·7	0·7	0·0	0	1·6
February	—	—	—	—	16·7	41	13·1	1·8	35·0	5	1·3
March	—	—	—	—	16·6	44	13·3	2·5	75·0	5	1·7
April	—	—	—	—	16·0	67	17·7	4·7	243·5	22	1·9
May	—	—	—	—	15·4	71	18·2	3·7	264·5	22	2·3
June	—	—	—	—	14·3	72	17·7	3·3	192·0	23	2·0
July	—	—	—	—	14·7	72	16·3	5·5	180·0	19	2·4
August	—	—	—	—	14·5	81	18·8	4·2	252·0	25	1·6
September	—	—	—	—	14·5	76	18·4	3·4	227·0	18	1·8
October	—	—	—	—	14·5	74	18·0	3·5	173·5	21	1·7
November	—	—	—	—	15·0	65	17·4	2·8	86·0	10	1·4
December	—	—	—	—	14·6	58	15·6	3·5	28·0	9	1·7
YEAR	—	—	—	—	15·3	63	16·3	3·3	1756·5	179	1·8
Absolute Max. ... °C.	Absolute Min. 12·9 °C.			Max. Rain in 1 day 70·0 mms.							

—304—  
**DURATION OF BRIGHT SUNSHINE.**

	ALEXANDRIA.		PORT SAID.		QUBASHIYA.		GEMMEIZA.		TANTA.		GIZA.	
	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.
<b>1929</b>												
January ... ... ... ...	7·1	69	7·9	77	7·5	73	—	—	7·1	69	8·1	78
February ... ... ... ...	7·8	71	7·4	67	7·8	72	7·8	71	7·5	68	8·3	75
March ... ... ... ...	8·5	71	8·0	67	8·6	72	9·1	76	8·6	72	9·1	76
April ... ... ... ...	10·7	83	9·7	75	9·8	76	10·4	81	10·0	78	9·9	77
May ... ... ... ...	11·2	82	10·6	77	10·4	76	10·7	78	10·3	75	10·8	79
June ... ... ... ...	12·4	88	12·6	89	12·3	87	11·6	82	12·1	86	12·5	89
July ... ... ... ...	12·7	91	12·3	88	12·1	87	12·3	88	11·8	85	12·0	86
August ... ... ... ...	12·2	92	11·7	89	11·4	86	11·8	89	11·3	86	11·2	85
September ... ... ... ...	10·9	89	11·1	90	10·6	86	10·6	86	10·0	81	10·6	85
October ... ... ... ...	9·8	86	10·3	90	9·5	83	9·9	87	9·4	82	9·8	85
November ... ... ... ...	8·7	83	8·6	82	7·9	76	7·8	74	7·6	72	8·2	77
December ... ... ... ...	6·4	63	7·0	69	7·1	70	7·0	69	6·8	67	7·0	69
YEAR ... ... ... ...	9·9	81	9·8	80	9·6	79	—	—	9·4	77	9·8	80

N.B.:—For Observations at Helwan see page 13.

	KHARTOUM.		WAD MEDANI.		HAIFA.		JENIN.		JERICHO.		ACRE.	
	Hours.	Per Cent of Possible	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possibl	Hours.	Per Cent of Possible.
<b>1929</b>												
January ... ... ... ...	10·7	95	10·5	93	—	—	4·9	49	6·9	68	5·6	55
February ... ... ... ...	10·4	90	10·5	91	5·7	53	5·2	48	6·4	59	5·8	54
March ... ... ... ...	11·0	92	10·9	91	7·3	62	5·8	49	8·2	69	7·8	66
April ... ... ... ...	10·3	83	9·7	78	9·0	70	9·5	74	9·7	76	9·4	74
May ... ... ... ...	9·0	70	8·1	63	—	—	11·5	85	10·6	78	11·4	84
June ... ... ... ...	9·8	75	7·2	55	—	—	11·9	84	11·5	82	11·8	84
July ... ... ... ...	7·5	58	6·6	51	—	—	12·8	92	11·4	82	—	—
August ... ... ... ...	9·5	75	9·0	71	10·9	83	11·9	90	11·2	85	11·2	85
September ... ... ... ...	9·5	78	7·4	61	9·5	77	9·6	78	10·5	85	10·1	82
October ... ... ... ...	10·2	86	10·2	86	8·9	79	9·8	87	9·8	87	10·0	88
November ... ... ... ...	10·9	96	10·7	94	7·1	68	7·5	72	8·1	78	—	—
December ... ... ... ...	10·8	96	10·3	92	5·6	57	6·5	66	6·6	67	6·3	64
YEAR ... ... ... ...	10·0	83	9·3	77	—	—	8·9	73	9·2	76	—	—

**ACTINOMETRIC OBSERVATIONS (°C) 1929.**

	January.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.
<b>Alexandria at 14<sup>h</sup>.</b>												
Black Bulb in Vacuo ... ... ...	35.5	36.5	42.5	44.8	49.6	—	52.0	53.4	53.2	44.1	40.4	32.5
Absolute Black Bulb ... ... ...	43	46	47	55	60	—	53	54	59	48	45	40
Date ... ...	2	27	2	24	11	—	28, 29, 31	Several Dates	26	23, 27, 28	1, 2, 21	2, 3
<b>Giza (Cotton Research Board) daily Maximum.</b>												
Black Bulb in Vacuo... ... ...	55.2	56.6	60.1	63.2	73.4	68.4	65.4	66.7	66.0	61.4	56.4	51.8
Absolute Black Bulb... ... ...	60.2	62.9	65.0	76.8	79.5	74.6	68.4	68.9	72.5	72.0	61.5	59.9
Date ... ...	23	10	7	25	13	6	31	1	27	27	4	11
<b>Aswan daily Maximum.</b>												
Black Bulb in Vacuo ... ... ...	49.6	55.2	63.0	67.5	73.9	74.3	73.3	73.7	71.7	64.3	58.4	47.6
Bright " " ... ... ...	28.5	32.3	38.4	44.3	50.5	50.4	49.0	49.3	48.0	41.4	37.8	28.0
Absolute Black Bulb ... ... ...	56.5	62.0	71.0	73.5	79.0	79.0	76.0	79.0	79.0	68.0	66.0	54.5
Date ... ...	26	27	29	30	23	20	11	2	8	7	3	5
Absolute Bright Bulb... ... ...	33.0	38.0	48.0	51.0	55.0	63.0	52.0	52.0	52.0	45.5	43.5	35.0
Date ... ...	3	18, 27	29	30	23	30	1	1, 3	21	1	2	3, 5

N.B.—For Observations at Helwan see page 13.

**RIVER TEMPERATURE (°C) 1929.**

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Aswan Reservoir.</b>												
Readings every Wednesday at 7 h. Depth 1·5 metres.												
1st. Week.	18·0	17·0	17·0	20·0	24·0	28·0	28·0	29·0	27·0	27·0	23·0	21·0
2nd. "	18·0	16·0	16·0	20·0	25·0	27·0	28·0	28·5	28·0	27·0	23·0	19·0
3rd. "	17·0	16·0	18·0	21·0	26·0	28·0	27·0	28·0	27·5	24·5	22·0	18·0
4th. "	16·0	16·0	19·0	23·0	27·0	27·0	27·0	28·0	25·0	22·0	22·0	17·0
5th. "	16·0	—	—	—	28·0	—	27·5	—	—	23·0	—	—
Mean. ... ... ...	17·0	16·2	17·5	21·0	26·0	27·5	27·5	28·4	26·9	24·7	22·5	18·8
<b>Atf (8h. daily readings).</b>												
1929 ... ... ... ...	13·4	12·7	16·2	19·4	24·9	26·1	26·7	27·9	26·6	23·2	21·1	15·8
Highest Reading ... ... ...	16·0	14·7	17·8	22·5	25·8	27·5	27·4	28·5	27·8	26·2	23·0	18·0
Lowest Reading ... ... ...	11·5	10·2	14·8	17·0	23·3	24·5	25·5	26·8	25·5	21·5	18·0	13·4
<b>Delta Barrage (8h. daily readings).</b>												
1929 ... ... ... ...	14·6	14·6	17·2	20·1	24·8	26·0	26·4	27·7	26·4	23·3	21·6	16·0
Highest Reading ... ... ...	16·8	16·0	18·3	22·0	26·0	27·0	27·3	28·5	27·5	25·0	23·5	19·0
Lowest Reading ... ... ...	13·0	12·6	16·0	18·8	22·0	25·0	25·0	26·3	24·3	22·0	19·0	13·5
<b>Asyut (8h. daily readings).</b>												
1929 ... ... ... ...	15·0	16·1	17·9	21·3	26·7	26·2	26·8	—	26·5	23·8	22·1	17·1
Highest Reading ... ... ...	18·0	17·2	20·2	23·5	28·2	27·2	27·0	—	27·5	26·5	23·5	19·5
Lowest Reading ... ... ...	13·0	14·2	16·7	19·5	24·5	25·0	25·5	—	25·8	22·5	19·5	15·0
<b>Zeraf Cut (8h. daily readings).</b>												
1929 ... ... ... ...	24·0	25·5	26·6	27·8	27·4	26·8	25·7	26·4	26·9	26·8	26·9	24·0
Highest Reading ... ... ...	24·9	27·3	27·6	28·5	28·0	27·8	26·4	27·2	27·6	27·0	27·5	26·9
Lowest Reading ... ... ...	23·0	23·9	25·9	26·9	26·2	26·0	24·5	25·8	26·1	26·1	24·9	22·0

Note:—Asyut temperature at 14h averaged 0·4 °C. to 0·5 °C. higher than temperature at 8h.

Zeraf Cut      "      "      "      0·5 °C. to 0·6 °C.      "      "      "

**EARTH TEMPERATURE (°C).**

From Daily Readings at 14 h.

	Depth of Thermometers Metres.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		—	—	—	—	—	—	—	—	—	—	—	—
<b>Giza (Cotton Research Board).</b>													
1929 ...	0·60	11·3	14·0	15·8	18·4	22·2	23·7	24·5	25·6	26·5	23·7	21·9	17·4
	1·10	18·8	17·5	17·9	19·6	21·5	22·9	24·5	24·8	25·6	24·4	23·2	20·7
	2·09	21·2	19·6	19·2	19·9	21·0	22·3	23·6	24·0	24·8	24·5	23·7	22·3
<b>Qurashiya.</b>													
1929 ...	0·60	19·2	17·8	19·5	22·3	26·5	28·8	31·4	—	31·8	29·8	26·4	22·2
	1·10	21·3	19·6	19·8	21·3	24·1	26·6	28·9	30·0	30·3	29·3	26·8	23·4
<b>Sakha.</b>													
1929 ...	0·60	20·1	18·0	18·6	20·1	23·5	23·5	26·9	28·2	27·2	25·7	24·6	20·6
	1·10	21·1	19·5	19·4	20·1	22·9	24·4	26·5	28·4	27·7	26·3	25·7	23·1
<b>Qasr el Gebali.</b>													
1929 ...	0·60	18·4	18·2	20·1	22·4	27·8	30·0	31·3	32·8	31·6	28·1	25·3	20·3
	1·10	20·6	19·7	20·1	21·0	24·1	26·4	27·9	29·6	29·6	28·1	26·2	23·1

**RAINFALL STATIONS**  
**1929.**

## RAINFALL 1929.

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.	R	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
		D												
<b>Egypt.</b>														
Sidi Barrani ... ... ... ... { R 55.9 35.7 5.0 9.7 0.0 0.0 0.0 0.0 0.0 1.5 37.0 14.2 33.1 192.1 30	D 9 4 2 2 0 0 0 0 0 1 3 3 6 30													
Ras el Dab'a ... ... ... ... { R 32.0 13.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.0 8.5 62.0 117.5 24	D 7 5 0 0 0 0 0 0 0 0 1 2 9 24													
Almeria ... ... ... ... { R 81.0 35.0 3.5 0.5 0.0 0.0 0.0 0.0 0.0 0.0 1.0 16.5 51.0 188.5 28	D 10 7 1 0 0 0 0 0 0 0 1 3 3 6 28													
Borg el Arab ... ... ... ... { R 43.8 34.0 3.0 4.5 0.0 0.0 0.0 0.0 0.0 0.0 16.0 8.0 32.7 142.0 30	D 7 5 2 2 0 0 0 0 0 0 1 2 11 30													
Hammam ... ... ... ... { R 32.0 14.5 7.0 2.0 0.0 0.0 0.0 0.0 0.0 0.0 26.0 26.0 52.0 159.5 30	D 7 5 1 0 0 0 0 0 0 0 2 3 11 30													
Mex ... ... ... ... { R 105.9 19.3 6.9 6.3 0.0 0.0 0.0 0.0 0.0 0.0 9.8 13.6 77.7 239.5 30	D 14 3 1 1 0 0 0 0 0 0 1 3 7 30													
Boseili ... ... ... ... { R 98.2 26.3 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0 16.5 33.5 34.0 217.3 32	D 14 3 0 2 0 0 0 0 0 0 2 4 7 32													
Tolombat ... ... ... ... { R 101.1 21.5 5.0 4.6 0.0 0.0 0.0 0.0 0.0 0.0 30.0 33.0 61.0 256.2 34	D 13 5 1 1 0 0 0 0 0 0 1 3 10 34													
Rosetta L.H. ... ... ... ... { R 81.2 36.5 3.0 0.0 3.3 0.0 0.0 0.0 0.0 0.0 20.8 29.1 45.9 219.8 33	D 12 8 1 0 1 0 0 0 0 0 1 4 6 33													
Kom el Tarfaia ... ... ... ... { R 98.0 35.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 0.0 20.5 32.0 65.0 266.5 33	D 12 6 0 1 0 0 0 0 0 0 2 5 7 33													
Borollos L.H. ... ... ... ... { R 118.8 74.0 9.5 7.5 Drops 0.0 0.0 0.0 0.0 0.0 0.0 7.0 53.5 16.8 287.4 44	D 15 10 2 2 0 0 0 0 0 0 3 5 7 44													
Atf ... ... ... ... { R 68.0 27.5 4.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 62.0 9.0 170.5 25	D 12 4 1 0 0 0 0 0 0 0 0 5 3 25													
Kafr el Dawar ... ... ... ... { R 96.6 43.0 2.0 5.0 0.0 0.0 0.0 0.0 0.0 0.0 15.5 38.0 47.0 247.1 35	D 13 6 1 1 0 0 0 0 0 0 2 5 7 35													
Damanhur ... ... ... ... { R 33.7 25.3 5.0 11.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 24.6 12.0 111.9 24	D 10 4 1 1 0 0 0 0 0 0 0 5 3 24													
Hosh Isa ... ... ... ... { R 32.0 25.0 3.0 11.0 0.0 0.0 0.0 0.0 0.0 0.0 4.0 36.0 20.0 131.0 29	D 8 8 1 1 0 0 0 0 0 0 1 5 5 29													
Damietta L.H. ... ... ... ... { R 35.2 18.0 5.2 2.2 1.0 0.0 0.0 0.0 0.0 0.0 3.0 69.3 15.0 148.9 34	D 12 7 1 1 0 0 0 0 0 0 1 5 6 34													
El Arish ... ... ... ... { R 5.3 3.0 3.0 19.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 23.0 27.0 80.3 14	D 2 1 2 0 0 0 0 0 0 0 2 6 6 14													
El Themed ... ... ... ... { R 0.0 0.0 0.0 20.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 20.0 0.0 40.0 4	D 0 0 0 1 0 0 0 0 0 0 0 3 0 4													
Ismailia ... ... ... ... { R 3.2 1.2 2.5 6.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 7.0 12.0 32.4 13	D 2 1 2 2 0 0 0 0 0 0 2 4 4 13													
Faqus ... ... ... ... { R 6.0 4.0 5.0 8.5 Drops 0.0 0.0 0.0 0.0 0.0 0.0 0.0 39.0 18.0 80.5 11	D 2 1 2 2 0 0 0 0 0 0 0 3 1 11													
Kafr el Sheikh ... ... ... ... { R 25.0 17.2 0.8 0.0 3.5 0.0 0.0 0.0 0.0 0.0 1.5 12.7 28.0 88.7 17	D 5 4 0 0 2 0 0 0 0 0 1 3 3 17													
Kafr el Zayat ... ... ... ... { R 16.0 17.0 4.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.0 50.5 21.0 112.5 14	D 2 2 1 0 0 0 0 0 0 0 1 5 3 14													
<b>Sudan.</b>														
Abu Hamed ... ... ... ... { R 0.0 0.0 0.0 1.2 8.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 17.3 3	D 0 0 0 1 1 0 0 0 0 0 0 0 0 0 3													
Sallom ... ... ... ... { R 1.4 0.0 0.0 25.7 0.0 0.0 0.0 14.4 0.7 0.0 0.0 4.8 88.2 0.0 135.2 6	D 0 0 0 1 0 0 0 1 0 0 1 3 0 6													
Sinkat ... ... ... ... { R 0.0 0.0 0.0 14.6 15.3 16.0 20.6 71.3 0.4 0.0 14.0 11.5 0.0 0.0 163.7 17	D 0 0 0 1 1 2 3 8 0 1 1 5 0 17													
Talgwareb ... ... ... ... { R 0.0 0.0 0.0 8.7 10.4 0.0 11.9 3 12.0 0.0 0.0 2.0 2.0 0.0 0.0 172.4 15	D 0 0 0 1 1 0 0 1 0 0 1 0 0 0 15													
Thamian ... ... ... ... { R 0.0 0.0 0.0 12.8 0.0 19.3 53.2 49.2 3.6 0.0 0.0 0.0 0.0 0.0 0.0 138.1 10	D 0 0 0 3 0 2 2 3 2 0 0 0 0 0 10													
Akik ... ... ... ... { R 173.0 7.5 43.3 19.5 0.0 0.0 2.0 0.0 0.0 0.0 2.0 0.0 2.0 19.1 265.4 25	D 12 3 3 3 0 0 1 0 0 0 1 2 1 25													

## RAINFALL 1929 (continued).

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
<b>Sudan (contd.).</b>														
Karora ... ... ... ... { R D	64.2 7	32.5 1	9.7 3	4.3 2	6.2 1	0.1 0	120.7 7	0.0 0	0.0 0	34.5 1	23.0 2	48.4 1	353.2 25	
Khashm el Girba... ... ... { R D	0.0 0	0.0 0	0.0 0	11.3 1	40.0 6	33.5 7	111.8 11	149.4 11	40.1 4	19.0 1	0.0 0	0.0 0	405.7 41	
Gedaref ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	58.5 3	84.8 11	209.1 9	246.5 11	308.0 11	46.0 5	57.0 3	0.0 0	0.0 0	1009.9 53	
Abu Deleig ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	0.0 0	10.9 1	18.2 2	115.9 12	91.5 6	19.5 4	0.0 0	0.0 0	0.0 0	256.0 25	
Khartoum Irrign... ... ... { R D	0.0 0	0.0 0	0.0 0	0.0 0	5.0 2	3.7 2	168.2 12	83.0 5	5.7 1	0.0 0	0.0 0	0.0 0	265.6 22	
Kamlin ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	0.0 0	21.0 4	16.0 2	143.0 17	161.0 8	16.0 3	0.0 0	0.0 0	0.0 0	357.0 34	
Rufaca ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	3.5 1	16.0 3	26.0 3	241.0 12	95.0 7	42.0 1	0.0 0	0.0 0	0.0 0	423.5 27	
Hassa Heissa ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	4.4 1	22.6 3	54.2 4	263.4 14	52.8 4	44.9 3	3.5 1	0.0 0	0.0 0	445.8 30	
Wad Medani (Irrign)... ... ... { R D	0.0 0	0.0 0	0.0 0	8.4 2	15.7 4	27.1 5	303.8 14	149.9 9	133.0 4	0.5 0	0.0 0	0.0 0	638.4 38	
Managil... ... ... ... { R D	0.0 0	0.0 0	0.0 0	0.0 0	74.9 6	47.0 3	205.0 14	231.5 9	69.2 3	4.2 1	0.0 0	0.0 0	632.8 36	
Hag Abdalla ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	11.9 2	13.1 2	20.5 3	99.9 14	244.1 10	27.4 2	2.6 1	0.0 0	0.0 0	419.5 34	
Wad Haddad ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	8.6 5	24.2 6	44.0 5	104.4 14	221.6 11	76.0 4	5.4 2	0.0 0	0.0 0	574.2 47	
Mafaza ... ... ... ... { R D	— —	— —	— —	— —	— —	125.1 10	336.7 16	248.0 10	39.0 4	36.0 3	0.0 0	0.0 0	Observations taken during flood only.	
Abu Hashim... ... ... ... { R D	— —	— —	— —	— —	— —	87.7 5	208.7 13	285.0 9	145.0 9	0.0 0	0.0 0	0.0 0		
Karkoj ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	12.1 4	33.5 5	97.1 6	288.9 13	185.3 10	109.5 6	0.0 0	0.0 0	0.0 0	726.4 44	
Dar Fung ... ... ... ... { R D	0.0 0	0.0 0	1.0 1	35.0 3	198.0 9	168.1 7	179.5 10	124.5 13	311.4 13	106.2 7	2.5 1	0.0 0	1126.2 64	
Heiban ... ... ... ... { R D	— —	— —	— —	28.2 3	139.0 15	95.5 14	263.0 16	228.0 17	138.0 16	104.0 8	— —	— —	— —	
Kurmuk... ... ... ... { R D	0.0 0	0.0 0	0.0 0	38.3 7	139.6 10	162.8 12	147.5 12	236.9 13	166.3 10	127.4 8	0.0 0	0.0 0	1018.8 72	
Geteina ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	0.0 0	14.7 2	19.0 2	118.4 11	229.0 7	28.0 3	0.0 0	0.0 0	0.0 0	409.1 25	
Kosti ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	4.0 1	26.7 4	37.2 6	82.1 5	157.8 9	45.6 5	49.6 7	0.0 0	0.0 0	403.0 37	
Tendelti ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	3.5 1	52.3 8	4.5 1	184.2 13	175.5 11	67.0 4	8.9 2	0.0 0	0.0 0	495.9 40	
Jebeltein ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	3.2 1	43.3 6	62.6 6	183.9 10	73.6 8	74.0 5	14.7 4	10.0 1	0.0 0	465.3 41	
Renk ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	14.5 1	88.9 7	25.4 6	221.5 10	129.5 12	51.5 8	62.8 8	0.5 0	0.0 0	594.6 52	
Melut ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	10.8 2	53.0 5	98.2 5	152.6 11	49.6 6	124.3 7	62.3 3	5.0 1	0.0 0	555.8 40	
Kodok ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	7.3 1	75.5 8	115.5 7	268.4 13	92.8 7	139.2 11	25.4 3	8.7 1	0.0 0	722.8 51	
Tonga ... ... ... ... { R D	0.0 0	0.0 0	2.4 1	63.7 6	125.2 12	125.4 12	218.4 13	244.4 11	217.1 9	210.3 8	3.8 1	0.0 0	1119.7 73	
Bara... ... ... ... { R D	0.0 0	0.0 0	0.0 0	3.2 1	18.7 4	0.6 0	118.3 6	87.9 4	47.5 5	0.0 0	0.0 0	0.0 0	276.2 20	
Om Ruaba ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	0.0 0	11.7 4	48.6 7	211.2 9	126.0 7	23.8 3	36.9 4	0.0 0	0.0 0	458.2 34	
El Nahud ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	97.0 1	35.0 6	39.0 7	104.5 9	131.2 8	122.5 13	50.0 4	0.0 0	0.0 0	579.2 48	
Al Rahad ... ... ... ... { R D	0.0 0	0.0 0	0.0 0	0.0 0	26.0 5	18.6 2	184.9 9	172.8 8	65.0 5	32.4 2	0.0 0	0.0 0	499.7 38	

## RAINFALL 1929 (continued).

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.	
<b>Sudan. (Cont'd.).</b>															
Rashad ...		R D	0·0 0	0·0 0	0·0 0	16·5 11	96·5 11	163·0 11	129·0 13	106·0 15	391·0 18	124·0 8	0·0 0	0·0 0	1026·0 77
Dilling ...		R D	0·0 0	0·0 0	0·0 0	5·8 3	61·3 11	71·7 8	206·7 16	174·0 13	164·1 16	85·3 8	0·0 0	0·0 0	768·9 75
Kutum ...		R D	— —	— —	— —	0·0 0	21·0 3	14·0 1	272·0 12	126·0 12	47·0 7	0·0 0	0·0 0	— —	— —
Geneina ...		R D	0·0 0	0·0 0	0·0 0	Drops 0	29·5 3	40·8 8	161·5 19	184·5 17	81·5 9	0·0 0	0·0 0	0·0 0	497·8 56
Zalengei ...		R D	0·0 0	0·0 0	Drops 0	0·0 0	58·0 7	62·0 8	213·0 15	256·0 15	140·0 12	0·0 0	0·0 0	0·0 0	729·0 57
Nyala ...		R D	0·0 0	0·0 0	0·0 0	0·0 0	64·7 7	44·4 7	200·3 15	132·0 12	130·3 10	8·8 3	0·0 0	0·0 0	580·5 54
Kadugli ...		R D	0·0 0	0·0 0	0·0 0	0·0 0	142·7 9	106·2 7	167·2 11	113·9 8	752·2 8	77·3 3	0·0 0	0·0 0	759·5 46
Talodi ...		R D	0·0 0	0·0 0	0·0 0	78·5 5	101·3 13	98·9 15	149·3 11	163·1 13	178·6 14	159·8 10	0·0 0	0·0 0	929·5 81
Abwong ...		R D	0·0 0	1·3 1	5·3 5	46·5 10	126·3 8	132·9 13	215·5 13	111·4 10	90·9 10	67·2 7	0·0 0	0·0 0	797·3 65
Nasser ...		R D	Drops 0	1·9 0	0·4 2	10·3 2	151·8 11	188·1 10	174·3 13	115·1 10	123·9 7	59·8 7	0·5 0	0·0 0	826·1 60
Akobo Post ...		R D	0·0 0	3·8 1	11·5 3	86·3 5	163·6 9	83·1 10	210·9 17	143·2 14	89·2 8	101·8 10	4·0 1	0·0 0	897·4 78
Pibor Post ...		R D	0·2 0	22·4 4	27·4 6	57·1 7	133·0 9	110·8 9	114·2 10	245·8 12	160·2 11	39·5 6	43·7 3	22·8 4	977·1 81
Meshra el Rek ...		R D	0·0 0	0·0 0	0·0 0	61·8 6	71·9 6	130·5 8	276·3 13	94·0 9	189·5 11	117·0 7	0·0 0	1·2 1	942·2 61
Rumbek ...		R D	0·0 0	0·5 3	20·9 6	58·5 6	141·4 7	73·2 6	293·4 9	28·0 2	137·5 6	115·5 3	4·0 1	0·0 0	872·9 43
Meridi ...		R D	5·5 1	64·7 7	91·2 13	128·8 13	157·2 10	191·1 8	187·7 11	248·3 10	83·9 7	55·3 3	96·5 8	22·1 2	1332·3 87
Yambio ...		R D	2·6 1	56·8 6	56·0 7	162·2 10	144·3 8	140·0 11	202·3 11	117·3 6	176·8 9	207·6 10	86·7 4	55·8 2	1408·4 85
Fangak ...		R D	0·0 0	5·1 2	0·0 0	60·6 6	192·7 12	116·2 5	329·3 19	211·3 14	153·3 9	165·4 11	7·3 2	0·0 0	1241·2 80
Ghaba Shambé ...		R D	0·0 0	0·0 0	8·0 1	54·6 6	97·4 5	105·0 5	172·0 9	116·0 4	238·4 5	150·4 6	25·0 2	0·0 0	966·8 43
Bor ...		R D	Drops 0	Drops 0	3·0 1	184·3 8	228·5 9	140·9 9	153·8 8	56·0 5	74·5 5	78·4 5	12·5 2	0·0 0	931·9 52
Malek ...		R D	5·5 1	11·3 3	4·8 2	119·3 9	194·1 11	165·4 9	131·3 11	59·5 5	61·8 11	152·9 7	60·5 6	10·6 1	977·0 76
Terrikaka ...		R D	6·9 2	10·6 1	7·6 2	138·1 9	112·5 5	148·0 6	188·5 7	61·0 4	61·0 4	68·0 4	30·5 1	67·5 1	910·2 46
Amadi ...		R D	0·0 0	41·5 3	9·5 9	155·5 7	95·5 8	158·0 8	110·5 9	192·1 12	144·7 7	235·1 11	25·5 2	17·0 3	1184·9 73
Juba ...		R D	2·5 1	1·5 0	30·9 3	231·4 12	65·1 6	171·6 7	132·5 11	151·0 9	114·9 6	112·1 14	34·3 4	35·7 4	1083·5 77
Rejaf ...		R D	4·5 1	11·6 2	57·7 5	158·0 10	84·8 6	96·4 8	162·4 10	208·4 9	121·7 5	115·5 10	29·0 1	29·6 3	1079·6 69
Yei ...		R D	9·5 2	11·8 4	66·8 7	251·6 14	224·8 9	255·1 15	121·0 14	184·3 17	122·0 14	178·3 17	117·3 11	27·4 5	1569·9 129
Opal ...		R D	12·0 1	12·3 3	41·5 4	102·0 13	203·5 7	124·0 8	173·0 8	169·0 11	168·5 10	58·5 6	74·0 3	55·2 6	1193·5 80
Kajo Kajl ...		R D	11·8 3	19·3 2	41·0 6	268·9 14	197·0 13	102·3 10	260·1 13	168·5 14	110·1 12	98·4 11	39·1 7	27·9 7	1344·4 112
Nimule ...		R D	3·7 1	4·5 2	48·0 3	167·9 13	152·2 11	70·4 10	132·1 7	133·1 13	146·7 13	143·8 10	40·9 8	98·9 6	1142·2 97
Meshra Surur ...		R D	2·5 1	1·2 1	89·2 3	139·3 13	180·1 11	81·9 8	180·5 6	172·6 12	146·9 13	129·1 14	59·0 8	128·4 8	1316·7 98

RAINFALL 1929 (continued).

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
<b>Abyssinia.</b>													
Adis Ababa ... ... ... ...   R D	Drops 0 2	18·3 2	23·6 2	74·4 8	108·5 9	201·9 19	274·8 17	301·0 26	219·2 19	12·5 3	0·2 0	9·7 4	1244·1 119
Adami Tullu... ... ... ...   R D	0·2 0	10·3 2	2·2 1	32·8 6	136·3 10	53·0 6	81·0 7	59·8 10	145·4 13	4·8 2	0·0 0	23·1 3	548·9 60
Goré ... ... ... ...   R D	30·7 6	90·4 12	52·2 9	213·5 21	337·7 25	333·7 22	253·5 23	354·2 26	266·8 26	110·6 12	50·4 4	94·0 9	2187·7 195
Saiyo ... ... ... ...   R D	34·7 4	24·5 3	113·6 8	215·7 12	308·0 19	244·8 13	187·8 20	308·9 17	170·5 19	41·2 6	0·0 0	36·8 5	1746·5 126
Dangila ... ... ... ...   R D	3·5 3	20·8 5	14·3 4	93·1 12	229·0 22	265·8 22	273·6 28	334·3 29	308·7 23	69·3 8	22·9 3	0·0 0	1635·3 159
<b>Somaliland.</b>													
Djibouti ... ... ... ...   R D	1·5 1	Drops 0	2·0 1	Drops 0	Drops 0	0·0 0	1·0 1	2·0 1	7·5 1	1·1·0 1	30·0 1	44·0 7	89·0 14

**REPORT FOR 1930.**

## Differences from Normal by Districts.

1930.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	
PRESSURE AT (8h) IN MILLIBARS.														
1. Mediterranean Coast ... ... ... ... ...	- 0.3	+ 0.1	+ 0.7	- 1.7	+ 1.6	0.0	- 0.3	+ 0.8	+ 0.6	+ 0.8	+ 2.3	- 0.8	+ 0.3	
2. Middle Egypt ... ... ... ... ...	- 0.9	0.0	- 0.1	- 1.5	+ 1.1	- 0.5	- 0.9	+ 0.1	+ 0.1	+ 0.3	+ 1.8	- 2.1	- 0.2	
3. Upper Egypt ... ... ... ... ...	+ 0.1	- 0.5	0.0	- 0.7	+ 0.5	- 0.3	- 0.5	- 0.4	+ 0.1	+ 0.4	+ 1.6	- 2.3	- 0.2	
4. North Sudan ... ... ... ... ...	+ 1.6	- 0.6	+ 0.3	+ 0.1	+ 0.3	+ 0.1	+ 0.3	- 0.3	- 0.7	- 0.1	+ 0.9	- 1.2	+ 0.1	
5. Red Sea ... ... ... ... ...	+ 1.3	+ 0.8	+ 1.1	+ 0.9	+ 1.0	+ 1.1	+ 1.5	+ 0.7	+ 1.5	+ 1.2	+ 1.2	- 0.3	+ 1.1	
6. Central Sudan ... ... ... ... ...	+ 1.5	- 1.1	+ 0.1	- 0.3	+ 0.4	+ 0.3	0.0	- 0.3	- 0.8	- 1.2	+ 0.5	- 1.5	- 0.2	
7. South Sudan ... ... ... ... ...	+ 1.6	0.0	+ 0.9	+ 0.9	+ 1.5	+ 0.9	+ 0.6	+ 0.6	+ 0.7	+ 1.0	+ 1.3	+ 0.1	+ 0.8	
TEMPERATURE (MAXIMUM + MINIMUM) /2 IN DEGREES CÉNTIGRADE.														
1. Mediterranean Coast ... ... ... ... ...	+ 0.4	- 0.4	+ 0.3	+ 1.3	0.0	+ 1.2	+ 0.8	+ 0.6	+ 0.7	+ 0.6	+ 0.1	+ 2.1	+ 0.6	
2. Middle Egypt ... ... ... ... ...	0.0	+ 0.1	+ 0.4	+ 1.8	+ 0.2	+ 0.9	+ 0.7	+ 0.6	+ 1.0	+ 0.6	- 0.1	+ 2.9	+ 0.8	
3. Upper Egypt ... ... ... ... ...	- 0.7	- 0.2	- 0.4	+ 0.1	+ 0.7	+ 0.6	+ 0.5	+ 0.8	+ 1.4	+ 0.5	- 1.0	+ 3.1	+ 0.4	
4. North Sudan ... ... ... ... ...	- 2.6	+ 1.4	- 0.3	+ 0.2	+ 1.3	+ 0.4	+ 0.6	+ 1.0	+ 1.5	+ 0.9	+ 0.2	+ 2.0	+ 0.6	
5. Red Sea ... ... ... ... ...	- 1.7	+ 0.2	- 0.3	+ 0.4	+ 0.6	+ 1.2	+ 0.4	+ 1.4	+ 1.0	+ 0.4	+ 0.8	+ 1.1	+ 0.5	
6. Central Sudan ... ... ... ... ...	- 2.0	+ 1.2	0.0	+ 0.4	+ 0.9	- 1.0	- 0.5	+ 0.2	+ 1.0	+ 0.7	- 0.5	+ 1.6	+ 0.2	
7. South Sudan ... ... ... ... ...	- 1.2	+ 0.9	- 0.4	- 0.5	+ 0.7	0.0	+ 0.9	+ 1.1	+ 1.0	+ 0.6	+ 0.6	+ 1.8	+ 0.5	
RAINFALL IN MILLIMETRES.														
1. Mediterranean Coast ... ... ... ... ...	+ 51	- 5	- 7	0	- 2	0	0	0	0	- 1	- 6	+ 12	+ 42	
2. Middle Egypt ... ... ... ... ...	+ 14	0	- 1	0	- 1	0	0	0	+ 1	- 1	- 1	+ 3	+ 14	
3. Upper Egypt ... ... ... ... ...	+ 2	0	+ 1	0	0	0	0	0	0	0	- 1	+ 1	+ 3	
4. North Sudan ... ... ... ... ...	0	0	0	- 1	- 2	+ 1	- 22	+ 39	- 8	- 3	0	0	+ 4	
5. Red Sea ... ... ... ... ...	- 10	- 4	- 1	- 1	- 3	- 1	- 9	+ 7	- 3	+ 1	- 23	- 24	- 71	
6. Central Sudan ... ... ... ... ...	0	0	- 1	- 1	+ 2	+ 53	+ 16	- 6	- 27	- 6	- 1	0	+ 29	
7. South Sudan ... ... ... ... ...	- 1	- 3	- 1	+ 30	- 25	- 3	- 28	- 49	+ 14	+ 6	- 14	+ 9	- 65	

**MONTHLY SUMMARIES  
1930.**

## Summary of Meteorological Observations

 $\varphi = 31^\circ 12' \text{ N.}$     $\lambda = 29^\circ 53' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE).										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1930</b>																			
January	1013.5	13.2	17.0	14.4	14.0	18.7	11.2	21.9	1	9.2	19	75	60	69	72	11.2	11.3	11.1	11.2
February	13.2	13.2	17.3	14.5	14.0	18.9	10.8	22.5	21	7.0	14	73	59	69	71	11.1	11.5	11.2	11.3
March	12.2	15.3	19.9	15.9	16.0	21.8	12.9	30.4	27	10.6	11	73	57	74	74	12.7	13.1	13.3	13.0
April	8.4	18.5	23.4	19.6	19.3	26.0	15.6	37.8	9	12.5	1,2	68	52	65	66	14.1	14.0	14.0	14.0
May	11.0	20.9	24.1	20.0	20.6	26.6	17.3	40.8	3	14.8	16	70	63	77	74	17.2	18.2	17.7	17.7
June	8.2	24.0	27.2	23.9	24.4	29.0	21.7	40.9	10	20.0	1	74	67	78	76	22.4	23.9	23.0	23.1
July	5.2	26.0	29.0	25.5	26.0	30.3	23.5	36.4	15	21.7	20	78	68	83	80	25.8	27.1	26.8	26.6
August	0.8	26.4	29.1	25.7	26.3	30.5	24.1	31.4	10,26	22.4	14	75	67	79	77	25.6	26.7	26.1	26.1
September	10.3	25.5	28.6	24.7	25.4	30.2	22.6	35.2	25	19.8	16	73	62	77	75	23.5	24.0	23.6	23.7
October	13.0	23.7	27.3	22.0	23.4	20.4	20.2	34.4	25	16.4	31	70	56	71	70	20.3	19.9	19.2	19.8
November	15.8	20.0	23.6	19.6	20.0	25.3	16.9	28.6	5	13.0	1	69	57	69	69	16.0	16.5	15.6	16.0
December	13.2	16.9	21.0	17.7	17.6	22.5	14.6	26.1	6	10.6	30	79	65	77	78	15.1	16.0	15.5	15.5
YEAR	1010.9	20.4	24.0	20.3	20.6	23.8	17.6	—	—	—	—	73	61	74	74	17.9	18.5	18.1	18.2

## Summary of Meteorological Observations

 $\varphi = 30^\circ 3' \text{ N.}$     $\lambda = 31^\circ 15' \text{ E. of Greenwich.}$ 

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1930</b>																			
January	1015.6	9.6	18.0	13.0	12.1	19.9	7.8	24.6	29	5.4	29	81	52	73	77	9.6	10.5	10.8	10.3
February	14.8	10.9	20.3	14.2	13.5	21.4	8.5	25.0	7	6.1	3,17	67	37	62	64	8.7	8.7	10.0	9.1
March	13.0	13.7	24.4	17.8	16.7	25.3	10.8	32.4	27	7.2	4	72	33	57	64	11.2	9.5	11.2	10.6
April	9.8	19.9	29.0	22.0	21.5	30.2	15.2	38.2	9	9.4	1	56	28	48	52	12.5	10.7	12.3	11.8
May	11.4	22.8	32.0	25.2	24.2	32.9	16.8	40.8	3	12.9	7	55	26	43	49	15.1	12.9	13.6	13.6
June	8.4	26.1	34.6	28.7	27.6	35.6	21.0	42.6	11	18.8	1	61	28	43	52	19.9	14.8	16.7	17.1
July	5.6	26.4	35.4	29.7	28.4	36.3	22.2	39.2	5,27	20.0	8	70	31	48	59	23.9	17.7	19.8	20.5
August	7.0	26.0	34.5	29.1	28.0	35.6	22.4	38.0	5	20.3	21	73	37	54	64	24.3	20.1	21.6	22.0
September	10.3	23.9	32.4	26.3	25.8	33.3	20.7	31.0	25	18.8	29	76	40	61	68	21.1	19.1	20.7	20.6
October	13.2	20.6	29.8	22.9	22.8	30.8	17.8	35.2	28	15.8	30	75	40	66	70	18.0	16.4	18.1	17.5
November	16.2	16.0	24.7	18.3	18.2	25.7	13.9	30.0	7,8	10.0	30	81	46	75	78	14.7	14.3	15.8	14.9
December	14.3	14.2	21.4	16.5	16.1	22.9	12.3	26.8	20	9.0	1	83	54	76	80	13.3	13.6	14.3	13.7
YEAR	1021.6	19.2	28.0	22.0	21.2	29.2	15.8	—	—	—	—	71	38	59	65	16.1	14.0	15.4	15.1

at ALEXANDRIA (Kôm el Nadûra) for the year 1930.

$$H = 32 \text{ m.} \quad h_t = 1.7 \text{ m.} \quad h_r = 2.0 \text{ m.} \quad C_h = + 3.7 \text{ m.b.}$$

CLOUD AMOUNT (0-10)				RAINFALL (mm.)			DAYS WITH		WIND										EVAPORATION
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm.	VELOCITY		DIRECTION								mm. per day Piche
					Amount	Date			Mean of day	Kms. per hour.	Number of Observations in which the Wind-Direction was recorded as								
				—	—	—	35	24	13.4	254	108	49.5	53.5	38.5	59.5	152.5	330.5	47	4.07
6.8	6.0	4.4	5.9	92.3	85.5	21	11	8	14.7	14	3	3.5	7	7.5	12	20	20	6	3.53
5.9	6.4	4.1	5.5	20.9	9.3	13	6	3	15.3	10	3.5	2.5	11	3.5	8.5	21	17	6	4.06
5.7	3.6	2.8	4.0	0.4	0.4	2	1	0	11.1	18.5	9.5	5	5	3	4	15	28	5	3.54
3.6	3.6	2.8	3.3	0.3	0.3	24	1	0	14.4	12.5	9.5	5	10.5	1.5	5	17.5	21.5	7	4.86
3.3	2.2	1.2	2.2	Drops	Drops	19	0	0	12.8	23	18	8.5	3.5	1	1	13	21	4	4.53
2.3	1.8	1.5	1.9	0.0	0.0	—	0	0	12.4	24	12.5	4	3.5	0	1	8	33	4	4.04
2.6	1.2	1.7	1.8	0.0	0.0	—	0	0	15.0	19.5	2.5	1	0	0.5	2.5	16.5	50.5	0	3.80
3.8	2.3	1.9	2.4	0.0	0.0	—	0	0	14.9	27	1.5	0	0	0	0	9.5	55	0	4.25
3.8	2.1	1.2	2.4	0.0	0.0	—	0	0	12.6	37.5	6.5	3	0	1.5	2	4.5	32	2	4.30
4.7	4.2	2.4	3.8	19.5	10.5	31	1	1	11.6	33.5	10.5	5	3.5	2	2	6.5	24	6	4.88
5.6	5.2	3.3	4.7	25.0	7.3	16	7	6	12.9	25	18	3.5	1.5	4	6	13	15	4	4.00
7.9	7.9	5.9	7.2	36.9	13.1	8	8	6	13.4	9.5	13	8.5	8	14	15.5	8	13.5	3	3.03
4.6	3.9	2.8	3.8	195.3	—	—	35	24	13.4	254	108	49.5	53.5	38.5	59.5	152.5	330.5	47	4.07

at CAIRO (Ezbekiya) for the year 1930.

$$H = 20.5 \text{ m.} \quad C_h = + 2.4 \text{ m.b.}$$

**Summary of Meteorological Observations**

$\varphi = 30^\circ 2' \text{ N.}$

$\lambda = 31^\circ 13' \text{ E. of Greenwich}$

MONTH.	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1930</b>																			
January	1015.5	9.0	17.8	12.2	11.2	19.3	6.6	24.6	29	2.1	26	88	50	77	82	10.0	10.0	10.8	10.3
February	15.0	10.6	19.9	13.7	12.6	21.0	6.2	25.4	21	3.2	17	75	42	66	70	9.3	9.5	10.1	9.6
March	13.1	14.0	23.5	17.2	15.8	24.7	8.3	34.8	27	2.9	4	79	37	61	70	12.4	10.0	11.6	11.3
April	9.6	19.7	29.3	21.6	20.7	30.4	12.1	38.9	30	6.4	1	59	29	51	55	13.1	10.9	12.5	12.2
May	11.2	22.4	32.0	25.0	23.4	32.8	14.3	41.0	3	10.0	8	58	25	44	51	15.5	11.3	13.7	13.5
June	8.3	25.5	34.6	29.0	26.0	35.5	18.8	44.8	11	16.6	30	65	26	41	53	20.7	14.0	15.9	16.9
July	5.5	28.7	35.1	29.1	27.4	36.3	19.8	39.2	5	17.0	8	74	28	46	60	24.0	15.6	18.4	19.3
August	7.0	25.6	33.9	28.2	27.0	34.9	20.3	37.8	9	17.6	30	77	36	55	66	24.8	19.0	20.5	21.4
September	10.2	23.9	32.2	26.2	25.2	33.0	18.6	40.3	25	16.0	21	78	39	60	69	22.8	18.4	20.0	20.4
October	13.2	20.8	29.6	22.7	22.2	30.5	15.5	35.9	26	12.8	8	78	40	65	72	10.0	13.9	17.6	17.5
November	16.2	15.6	24.4	18.2	17.6	25.2	12.3	28.8	7	8.8	29	85	47	74	80	15.1	14.1	15.5	14.9
December	14.3	13.7	21.2	15.9	15.4	22.5	10.9	24.6	11	6.1	16	89	57	81	85	13.7	14.1	14.5	14.1
YEAR	1011.6	18.9	27.8	21.6	20.4	28.8	13.6	—	—	—	75	38	60	68	16.7	13.6	15.1	15.1	

**Summary of Meteorological Observations**

$\varphi = 15^\circ 37' \text{ N.}$

$\lambda = 32^\circ 33' \text{ E. of Greenwich}$

MONTH	MEAN PRESSURE (m.b.)	AIR TEMPERATURE (CENTIGRADE)										RELATIVE HUMIDITY (%)				VAPOUR PRESSURE (m.b.)			
		8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	8 h.	14 h.	20 h.	Mean	8 h.	14 h.	20 h.	Mean
<b>1930</b>																			
January	969.5	15.3	26.9	21.0	18.9	27.3	12.3	35.6	12	7.1	25	31	16	21	46	5.3	5.7	5.3	5.4
February	67.1	20.2	32.5	26.0	23.8	33.2	16.7	40.8	22	10.2	16	24	14	19	32	5.7	6.9	6.3	6.3
March	65.9	22.7	34.4	27.4	25.6	34.9	18.0	40.8	29	11.4	10	19	10	14	16	5.1	5.3	5.1	5.1
April	64.0	27.7	38.2	30.9	29.7	38.9	21.9	43.7	20	15.6	6	16	8	13	14	5.9	5.3	5.9	5.7
May	64.4	31.6	41.4	34.0	33.2	42.7	26.0	45.7	13	20.9	2	23	11	18	20	10.4	8.3	9.7	9.5
June	64.3	30.3	39.9	33.4	32.5	41.4	26.3	45.6	17	22.9	24	45	20	31	38	18.8	14.3	15.4	16.2
July	65.5	28.7	37.0	31.8	30.7	38.4	25.3	41.7	7	22.4	11, 13	58	29	45	32	22.4	18.6	20.1	20.2
August	65.4	28.1	35.2	30.4	29.6	36.9	24.7	41.2	3	20.3	28	64	38	54	59	23.8	20.5	22.7	22.3
September	64.8	29.9	38.2	32.8	31.7	39.3	25.9	43.0	28	19.5	1	51	27	40	46	20.8	17.3	19.1	19.1
October	64.6	30.2	38.9	32.3	31.6	39.6	24.8	42.0	8	20.8	25	33	15	25	39	14.1	10.5	11.6	12.1
November	67.5	24.6	34.0	28.3	26.9	34.3	20.8	38.1	8	16.9	26	29	18	22	36	9.1	9.9	8.7	9.2
December	67.2	20.6	32.9	25.8	24.1	33.2	17.2	40.2	28	10.4	2	37	16	24	30	9.1	8.4	8.1	8.5
YEAR	965.8	25.8	35.8	29.5	28.3	35.7	21.7	—	—	—	—	36	18	27	32	14.5	10.9	11.5	11.6

at GIZA for the year 1930.

$H = 21.3$  m.

$h_t = 1.9$  m.

$C_h = + 2.5$  m.b.

CLOUD AMOUNT (0--10)				RAINFALL (mm.)			DAYS WITH		WIND										EVAPORATION mm. per day Piche		
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm.	Velocity.		DIRECTION								EVAPORATION mm. per day Piche		
					Amount	Date			Mean of day.	Kms. per hour.	Number of Observations in which the Wind-Direction was recorded as								EVAPORATION mm. per day Piche		
											N	NE	E	SE	S	SW	W	NW	Calm		
6.5	6.6	2.4	5.2	3.6	1.0	14	6	1	8.8	13	5.5	1	14	9	8	9	7.5	26	3.38		
5.0	5.2	2.0	4.1	0.6	0.4	13	2	0	8.6	19	3	0	14	8	1.5	5.5	16	17	4.99		
3.6	4.0	1.0	2.9	11.6	11.2	8	2	1	8.6	34	6	0.5	6	5	3.5	2.5	18.5	17	6.33		
4.8	3.9	0.8	3.2	0.7	0.7	23	1	0	10.1	24.5	5	0	9	8	4.5	3	22	14	9.21		
1.5	1.6	0.3	1.1	0.4	0.4	19	1	0	11.7	46	12.5	0	2.5	2.5	1	2	18.5	8	10.90		
2.1	1.2	0.3	1.2	0.0	0.0	—	0	0	9.4	41.5	8.5	0	1	0	0	1	27	11	10.50		
2.5	0.4	0.0	1.0	0.0	0.0	—	0	0	8.2	54.5	5	0	0	0	1	1	17.5	14	9.53		
3.4	0.5	0.0	1.3	0.0	0.0	—	0	0	10.8	54	2	0	0	0	0	1.5	32.5	3	7.58		
3.5	1.7	0.3	1.8	6.3	6.3	30	1	1	9.9	55.5	2.5	0	2	2.5	1.5	0	20	6	6.24		
2.6	3.9	0.6	2.4	0.0	0.0	—	0	0	9.0	56.5	3	0	12	1	1	1	12.5	6	5.57		
3.9	4.9	0.8	3.2	5.5	5.5	11	1	1	9.0	39	4	0	4.5	3.5	2.5	6	15.5	15	3.92		
7.2	7.0	3.5	5.9	5.1	2.7	29	4	2	7.3	28	5.5	0	12	7.5	3	5	6	26	2.81		
3.9	3.4	1.0	2.8	33.8	—	—	18	6	9.3	465.5	62.5	1.5	77	47	27.5	37.5	213.5	163	6.75		

at KHARTOUM (Gordon College) for the year 1930.

$H = 390$  m.

$h_t = 1.8$  m.

$C_h = + 43.0$  m.b.

CLOUD AMOUNT (0--10)				RAINFALL (mm.)			DAYS WITH		WIND										EVAPORATION mm. per day Piche		
8 h.	14 h.	20 h.	Mean	Total mm.	Maximum 1 day		$\geq 0.1$ mm. of rain	$\geq 1.0$ mm.	Velocity		DIRECTION								EVAPORATION mm. per day Piche		
					Amount	Date			Mean of day	Kms. per hour.	Number of Observations in which the Wind-Direction was recorded as								EVAPORATION mm. per day Piche		
											N	NE	E	SE	S	SW	W	NW	Calm		
2.2	1.9	1.6	1.9	0.0	—	—	0	0	3.7	59.5	11.5	0	0	0	0	0.5	16.5	5	13.12		
0.1	0.1	0.1	0.1	0.0	—	—	0	0	3.8	52	16.5	0	0	0	0	0	3.5	12	17.25		
1.5	1.4	0.4	1.1	Drops	Drops	31	0	0	4.1	52	9.5	0	0	0	0.5	5	20	6	18.77		
2.0	1.3	0.1	1.1	Drops	Drops	1	0	0	4.2	37.5	6	1.5	1.5	3.5	0.5	1	32.5	6	19.25		
2.1	1.8	1.0	1.6	3.2	3.0	30	2	1	4.2	17	14	2	4.5	11.5	10	7	13	14	18.51		
3.2	3.7	3.2	3.4	17.9	8.3	19	4	4	8.4	1.5	1.5	1.5	3	41	29	7	1.5	4	15.86		
4.4	5.1	4.8	4.8	20.1	11.5	12	4	2	6.8	1	0.5	1.5	0.5	43	36.5	5.5	1.5	3	12.48		
4.5	4.0	4.3	4.3	156.7	48.6	27	10	9	4.0	0	0.5	2.5	2.5	62	22.5	0	0	3	10.00		
3.3	2.8	1.6	2.6	24.3	22.0	3	3	2	1.4	2.5	5	0.5	1.5	29	26.5	3.5	2.5	19	12.04		
0.8	1.1	1.3	1.1	0.9	0.6	8	2	0	2.0	29.5	21	11.5	1	1.5	4.5	3.5	6.5	14	15.09		
0.9	1.3	0.3	0.8	Drops	Drops	1	0	0	2.8	49.5	36	1	0	0	0	0	0.5	3	15.43		
0.6	1.0	0.1	0.6	0.0	0.0	—	0	0	1.9	34.5	45	4	0	0	0	2	2.5	5	12.56		
2.1	2.1	1.6	2.0	233.1	—	—	25	18	3.9	336.5	167	26	14.5	191.5	130	35	100.5	94	15.03		

**SHORT MONTHLY SUMMARIES  
1930.**

## NICOSIA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1930</b>											
January	998.2	10.6	15.1	6.0	86	10.0	3.0	172.7	11	0.4	—
February	964.4	11.0	15.5	6.5	82	10.3	4.0	81.3	11	0.8	—
March	960.0	13.7	20.2	7.2	79	12.4	1.8	16.0	4	0.8	—
April	923.3	17.2	23.8	10.7	72	14.7	2.6	22.9	4	1.3	—
May	954.4	20.7	27.9	13.4	57	14.8	0.9	5.8	2	1.1	—
June	922.2	25.1	32.4	17.8	53	18.0	0.6	2.3	1	1.1	—
July	86.6	28.2	36.4	20.1	55	22.0	0.0	1.3	1	0.9	—
August	88.7	28.7	36.8	20.5	59	23.4	0.5	0.0	0	0.7	—
September	93.0	25.7	33.1	18.2	72	24.0	0.7	39.9	5	0.7	—
October	95.8	21.3	28.2	14.3	77	19.0	1.8	28.2	3	0.5	—
November	98.7	16.2	22.1	10.2	85	14.1	1.7	32.8	6	0.1	—
December	98.4	13.7	18.2	9.1	88	12.3	5.7	125.0	12	0.6	—
YEAR	994.3	19.3	25.8	12.8	72	16.2	2.0	528.2	60	0.8	—

Absolute Max. 41.1 °C.

Absolute Min. 1.7 °C.

Max. Rain in 1 day 73.7 mms.

## LIMASSOL.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1930</b>											
January	1013.9	12.2	17.2	7.3	81	11.7	4.2	206.0	13	0.9	—
February	12.0	12.5	17.4	7.6	82	12.4	6.2	69.6	13	1.1	—
March	12.2	13.7	20.3	7.1	77	14.5	3.5	17.0	3	1.0	—
April	8.4	16.6	22.7	10.3	76	17.1	4.0	61.2	5	0.9	—
May	10.7	19.4	25.6	13.3	72	19.5	1.7	0.0	0	1.5	—
June	6.8	23.3	30.1	16.6	71	24.5	1.7	0.0	0	0.9	—
July	3.2	25.9	32.7	19.2	70	27.2	0.1	Drops	0	0.5	—
August	4.8	26.3	33.3	19.3	69	28.0	0.3	0.8	0	0.6	—
September	9.0	25.0	32.1	17.9	69	25.7	0.6	2.0	1	0.4	—
October	12.2	22.0	28.9	15.1	68	20.3	2.3	0.8	0	0.4	—
November	14.7	17.8	24.0	11.6	72	15.9	2.3	27.4	4	0.2	—
December	13.5	15.7	20.8	10.5	77	14.0	5.6	177.5	10	0.7	—
YEAR	1010.1	19.3	25.4	13.0	74	19.2	2.7	562.3	49	0.8	—

Absolute Max. 38.9 °C.

Absolute Min. 8.3 °C.

Max. Rain in 1 day 58.4 mms.

## ACRE.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(in.b.)									(0-12)	Plebe.
<b>1930</b>											
January	—	11.8	17.5	8.0	80	10.5	4.1	155.0	15	2.5	4.56
February	—	13.3	18.4	9.2	84	13.1	4.6	122.6	12	2.4	4.36
March	—	14.9	21.9	8.9	86	15.2	2.0	5.5	2	2.1	4.54
April	—	18.0	25.1	11.7	74	16.8	3.1	46.8	5	2.4	5.74
May	—	20.3	25.5	13.8	71	18.2	1.5	Drops	0	2.0	5.09
June	—	24.0	28.6	18.6	70	22.4	1.1	0.0	0	1.8	4.97
July	—	26.1	30.1	21.4	76	27.2	1.5	0.0	0	1.7	5.11
August	—	27.0	30.9	22.3	82	30.7	1.6	Drops	0	1.8	5.17
September	—	25.6	30.6	19.4	70	24.7	1.4	2.5	1	1.8	6.35
October	—	23.1	29.3	16.7	65	19.8	1.4	Drops	0	1.7	6.89
November	—	18.8	25.4	13.3	78	17.3	2.2	83.0	8	1.8	5.32
December	—	16.3	22.1	12.0	73	13.9	3.6	132.5	9	2.3	5.71
YEAR	—	19.9	25.4	14.6	76	19.2	2.3	547.9	52	2.0	5.32

Absolute Max. 40.1 °C.

Absolute Min. 4.0 °C.

Max. Rain in 1 day 35.0 mms.

## HAIFA.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 h.	
	(in.b.)									(0-12)	Plebe.
<b>1930</b>											
January	1015.1	13.4	18.3	8.5	—	—	4.3	255.8	15	1.4	2.08
February	13.4	15.2	19.9	10.4	—	—	5.7	105.3	10	1.4	2.17
March	13.4	17.5	23.6	11.4	—	—	2.1	2.0	1	1.4	3.37
April	9.5	10.4	25.7	13.2	58	14.3	3.0	2.5	1	2.1	5.06
May	11.8	22.9	28.2	17.6	58	17.2	1.6	Drops	0	0.7	4.87
June	7.9	26.4	31.1	21.8	63	23.5	1.0	0.0	0	0.7	5.10
July	4.4	28.2	32.6	23.9	65	27.0	1.0	0.0	0	0.6	4.77
August	5.5	29.2	33.6	24.7	66	28.3	0.5	Drops	0	0.7	5.10
September	9.4	28.2	33.0	23.5	66	26.8	1.0	Drops	0	0.7	5.24
October	12.7	25.7	30.1	21.3	69	23.9	1.6	3.6	2	0.6	5.05
November	15.6	20.2	26.0	14.5	61	15.0	4.2	75.6	9	0.8	3.67
December	15.0	16.8	22.0	11.7	61	11.9	3.7	255.1	10	1.1	3.44
YEAR	1011.1	21.9	27.0	16.9	—	—	2.5	699.9	48	1.0	4.16

Absolute Max. 41.2 °C.

Absolute Min. 5.5 °C.

Max. Rain in 1 day 56.0 mms.

## BEISAN.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picbs.
<b>1930</b>											
January	—	12°4	18°5	6°3	86	10°4	3°0	89°5	11	0°9	2°13
February	—	14°5	20°3	8°7	87	12°3	4°0	66°8	9	1°1	2°70
March	—	16°4	24°8	8°1	77	13°3	1°5	13°2	3	1°1	4°59
April	—	20°6	29°5	11°6	65	15°0	2°0	21°2	4	1°1	7°32
May	—	24°0	33°4	14°6	58	16°9	0°8	2°0	1	1°0	10°53
June	—	27°9	36°6	19°2	59	21°8	0°3	0°0	0	0°8	10°52
July	—	29°3	37°2	21°4	58	24°0	0°4	0°0	0	0°7	10°56
August	—	30°8	38°7	22°8	62	26°1	0°7	0°0	0	0°8	10°32
September	—	28°6	36°8	20°5	61	23°4	0°7	0°0	0	0°7	9°05
October	—	25°8	34°3	17°3	58	18°7	0°7	0°0	0	1°0	7°68
November	—	21°0	28°1	13°8	61	13°9	1°5	21°0	4	1°1	5°24
December	—	18°0	23°6	12°4	63	11°1	3°9	68°0	10	1°7	4°51
YEAR ...	—	22°4	30°2	14°7	66	17°2	1°6	281°2	43	1°0	7°10

Absolute Max. 43°6 °C.

Absolute Min. 0°9°C.

Max. Rain in 1 day 25°5 mms.

## JENIN.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picbs.
<b>1930</b>											
January	—	10°1	16°4	5°7	—	—	4°0	161°9	10	2°8	1°79
February	—	11°2	17°0	7°6	—	—	4°1	148°6	10	2°9	2°53
March	—	14°1	22°0	9°7	—	—	1°2	22°8	2	2°6	4°39
April	—	18°3	29°2	12°4	—	—	1°7	47°5	4	3°3	6°15
May	—	21°1	31°1	15°2	—	—	0°4	0°0	0	2°8	7°09
June	—	25°9	34°1	19°8	—	—	0°3	0°0	0	3°0	9°16
July	—	27°8	37°2	21°0	—	—	0°1	0°0	0	2°7	11°24
August	—	28°6	38°0	22°0	—	—	0°0	0°0	0	2°4	11°71
September	—	27°9	36°5	21°6	—	—	0°1	0°0	0	2°7	11°08
October	—	25°6	—	—	—	—	0°9	0°0	0	2°6	8°00
November	—	19°1	28°9	10°1	—	—	2°0	23°0	4	2°7	4°80
December	—	14°6	23°6	7°2	—	—	3°8	85°0	11	3°1	3°49
YEAR ...	—	20°4	—	—	—	—	1°6	488°8	41	2°8	6°79

Absolute Max. 41.7 °C.

Absolute Min. 4.6 °C.

Max. Rain in 1 day 36.9 mms.

**JERICHO.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Maximum.	Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Ptche.
<b>1930</b>											
January ...	—	12.9	18.7	9.0	77	10.8	3.9	54.5	13	1.3	3.33
February ...	—	15.0	21.2	10.7	72	11.6	4.6	22.0	9	1.2	4.14
March ...	—	18.4	26.5	11.7	58	11.6	1.3	1.0	1	1.4	6.61
April ...	—	22.4	30.8	15.8	49	12.4	2.4	20.5	2	1.6	9.13
May ...	—	25.8	34.7	18.5	46	14.3	0.3	1.0	1	1.5	11.64
June ...	—	29.4	37.8	22.2	42	16.4	0.3	0.0	0	1.6	12.74
July ...	—	30.9	39.0	23.9	44	19.8	0.1	2.0	1	1.5	12.41
August ...	—	31.9	40.1	25.5	48	21.4	0.3	0.0	0	1.5	12.68
September ...	—	29.7	37.6	23.3	49	19.6	0.4	0.0	0	1.2	10.49
October ...	—	26.6	34.0	20.4	48	15.8	1.2	0.0	0	1.4	9.02
November ...	—	21.3	28.4	16.4	58	14.1	2.2	8.0	3	1.7	6.36
December ...	—	18.0	23.8	13.8	66	13.1	4.4	50.5	8	1.4	4.65
YEAR ...	—	23.5	31.0	17.6	55	15.1	1.8	159.5	38	1.4	8.58

Absolute Max. 45.0 °C.

Absolute Min. 6.3 °C.

Max. Rain in 1 day 26.0 mmms.

**JERUSALEM.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Ptche.
<b>1930</b>											
January ...	929.6	8.2	12.0	4.5	84	8.1	4.9	178.1	12	0.6	9.98
February ...	28.7	9.6	13.8	5.4	81	8.5	6.1	119.8	12	1.0	1.46
March ...	28.6	13.4	19.4	7.4	68	9.1	3.1	13.7	4	0.6	2.96
April ...	26.6	16.7	22.7	10.7	54	9.5	4.1	57.5	5	0.9	4.43
May ...	29.2	19.8	26.7	13.0	49	10.7	1.0	10.9	1	0.6	5.98
June ...	27.2	22.9	29.5	16.3	54	14.3	0.6	0.0	0	0.8	6.67
July ...	24.8	24.0	30.5	17.6	51	14.3	0.2	0.0	0	0.8	6.81
August ...	25.8	25.4	32.2	18.5	56	16.7	0.9	0.0	0	0.6	6.56
September ...	28.7	23.4	30.2	16.6	57	14.8	1.0	2.0	1	0.7	5.18
October ...	30.6	20.8	27.0	14.7	67	14.4	1.8	0.3	0	0.5	4.22
November ...	32.2	15.9	20.7	11.1	68	11.2	2.6	55.0	7	0.6	2.97
December ...	31.2	12.9	17.2	8.6	75	10.1	4.4	81.0	10	0.8	3.53
YEAR ...	928.6	17.8	23.5	12.0	64	11.8	2.6	518.0	52	0.7	4.22

Absolute Max. 39.4 °C.

Absolute Min. 2.1 °C.

Max. Rain in 1 day 99.8 mmms.

GAZA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 min. or over.		
<b>1930</b>											
January ...	10.28	13.0	18.0	8.1	77	10.1	3.5	149.5	12	0.8	2.41
February ...	12.0	14.0	18.8	9.2	74	10.9	4.9	52.0	8	0.8	3.12
March ...	11.2	15.6	21.7	9.6	76	13.1	2.2	13.9	3	0.6	3.64
April ...	7.4	20.0	26.2	13.9	58	14.4	2.9	76.0	4	0.8	6.74
May ...	9.9	21.2	27.4	14.9	61	16.9	1.4	3.4	1	0.7	6.77
June ...	6.3	24.0	29.1	19.0	63	21.2	1.5	0.0	0	0.7	7.16
July ...	3.5	25.6	30.3	20.9	67	24.4	1.6	0.0	0	0.7	8.42
August ...	4.4	26.6	31.3	22.0	71	26.5	1.5	0.0	0	0.7	6.80
September ...	—	25.5	30.8	20.2	69	24.3	1.2	Drops	0	0.6	6.86
October ...	11.0	23.0	28.3	17.6	66	19.4	1.1	0.1	0	0.5	6.62
November ...	14.4	18.8	24.0	13.7	75	15.4	3.2	15.8	5	0.5	4.61
December ...	—	16.6	21.7	11.6	72	12.1	3.8	71.6	8	0.7	3.74
YEAR ...	—	20.3	25.6	15.1	69	17.4	2.4	381.3	41	0.7	5.58

Absolute Max. 40.7 °C.

Absolute Min. 4.6 °C.

Max. Rain in 1 day 67.7 mms.

BEERSHEBA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10)	Total (mm.)		
<b>1930</b>											
January ...	—	10.6	17.5	3.8	92	9.9	3.4	60.6	9	4.4	2.98
February ...	—	13.0	20.7	5.2	83	11.1	4.5	28.3	5	3.3	3.68
March ...	—	15.2	25.4	5.0	72	11.9	1.5	6.0	2	1.4	6.21
April ...	—	20.4	31.4	9.4	54	13.1	3.3	25.0	4	4.3	9.41
May ...	—	22.5	33.3	11.7	58	16.1	1.2	0.0	0	1.4	10.45
June ...	—	26.0	36.4	15.7	66	23.0	1.1	0.0	0	1.3	11.96
July ...	—	26.3	35.1	17.5	71	25.7	1.0	0.0	0	1.3	10.42
August ...	—	27.7	35.6	19.8	—	—	1.5	0.0	0	1.5	8.32
September ...	—	25.2	34.4	16.1	85	30.0	0.5	Drops	0	1.3	7.91
October ...	—	23.7	33.1	14.3	79	23.1	1.5	0.0	0	2.5	6.90
November ...	—	18.8	27.5	10.2	82	16.0	3.0	4.3	2	3.4	5.94
December ...	—	16.6	24.3	9.0	74	11.6	4.4	26.7	4	4.1	4.75
YEAR ...	—	20.5	29.6	11.5	—	—	2.2	150.9	26	2.5	7.42

Absolute Max. 42.5 °C.

Absolute Min. 0.6 °C.

Max. Rain in 1 day 15.0 mms.

## SALUM (Town).

YEAR	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		8 h. (m.b.)	Mean. Max.	Mean Min.				8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	
<b>1930</b>											
January ...	1018.2	13.6	18.1	9.2	83	11.2	5.3	42.0	5	2.9	-
February ...	16.8	13.8	18.6	8.9	74	10.1	5.0	15.0	3	2.9	-
March ...	15.9	15.9	21.1	10.7	70	10.7	3.8	6.0	1	2.0	--
April ...	12.0	19.7	25.9	13.5	62	12.5	3.7	0.0	0	2.3	--
May ...	14.3	21.4	26.2	16.5	73	17.6	2.0	0.0	0	1.5	-
June ...	13.2	24.8	28.7	20.9	70	22.1	2.1	0.0	0	1.2	-
July ...	9.8	26.2	30.6	21.8	74	24.8	1.0	0.0	0	1.4	-
August ...	11.1	25.6	29.8	21.5	75	24.7	1.1	0.0	0	1.5	-
September ...	13.9	24.2	28.5	20.0	79	23.0	1.9	0.0	0	1.6	-
October ...	15.9	22.6	26.9	18.4	73	17.8	2.8	0.0	0	1.7	-
November ...	19.5	-	-	14.0	81	15.1	4.0	1.0	1	2.0	-
December ...	15.9	-	-	12.5	87	14.0	6.6	43.5	3	1.9	-
YEAR ...	1014.7	-	-	15.7	75	17.0	3.2	107.5	13	1.9	-

Absolute Max. 40.3 °C.

Absolute Min. 5.1 °C.

Max. Rain in 1 day 37.0 mms.

## DAMIETTA

YEAR	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		8 h. (m.b.)	Mean. Max.	Mean Min.				8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	
<b>1930</b>											
January ...	-	14.0	19.6	8.4	92	11.7	3.8	80.0	11	2.5	1.73
February ...	-	14.7	20.0	9.4	85	12.1	3.6	35.8	5	3.3	2.29
March ...	-	17.2	23.2	11.2	76	14.0	3.0	15.5	3	3.4	2.64
April ...	-	20.8	27.4	14.2	65	15.6	2.7	4.7	1	4.2	3.78
May ...	-	22.2	28.4	16.1	65	18.4	1.0	0.0	0	3.3	3.95
June ...	-	26.2	32.2	20.1	67	23.9	1.1	0.0	0	2.2	3.78
July ...	-	27.5	33.7	21.3	70	27.4	1.3	Drops	0	2.8	3.58
August ...	-	27.9	34.1	21.7	71	27.5	1.8	0.0	0	2.5	3.36
September ...	-	26.6	33.1	20.2	71	25.4	1.1	Drops	0	2.4	3.09
October ...	-	24.6	31.1	18.0	72	21.6	1.7	1.5	1	3.0	2.96
November ...	-	20.8	26.9	14.8	82	17.3	2.8	13.5	3	3.1	2.33
December ...	-	18.0	23.0	13.1	92	15.8	5.0	19.0	5	3.2	1.07
YEAR ...	-	1.7	27.7	15.7	76	19.2	2.4	170.0	29	3.0	2.93

Absolute Max. 40.6 °C.

Absolute Min. 5.0 °C.

Max. Rain in 1 day 1.5 mms.

## ROSETTA

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (mm.)	Total (mm.)		
<b>1930</b>											
January	—	15.4	18.5	12.3	84	13.3	5.9	88.7	7	3.3	3.20
February	—	14.8	18.0	11.7	86	13.2	5.6	5.6	3	3.7	3.54
March	—	17.3	20.6	14.0	85	15.1	4.7	1.2	1	3.5	3.45
April	—	20.2	23.9	16.4	80	17.1	3.9	Drops	0	4.0	3.93
May	—	21.7	24.8	18.6	80	20.1	3.0	0.0	0	2.5	2.93
June	—	25.5	28.1	22.9	81	25.6	1.8	0.0	0	2.6	3.55
July	—	26.8	28.8	24.9	85	29.1	2.5	0.0	0	—	3.72
August	—	27.4	29.7	25.2	86	29.8	3.5	0.0	0	3.2	5.21
September	—	26.8	29.3	24.2	82	27.2	3.1	Drops	0	2.7	5.19
October	—	24.8	27.7	21.8	79	22.8	3.8	3.4	1	2.4	5.33
November	—	21.0	23.5	18.4	74	17.3	4.3	11.6	5	2.9	5.34
December	—	19.0	21.5	16.6	82	16.4	6.4	31.5	8	2.3	3.39
YEAR ...	—	21.7	24.5	18.9	82	20.6	4.0	142.0	25	—	4.06

Absolute Max. 38.2 °C.

Absolute Min. 8.4 °C.

Max. Rain in 1 day 24.9 mms.

## MERSA MATRUH.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Mean (mm.)	Total (mm.)		
<b>1930</b>											
January	1017.0	12.5	17.5	9.0	76	10.9	5.3	211.5	11	1.6	5.08
February	16.0	12.5	17.8	8.3	79	11.3	5.5	7.5	2	1.4	10.17
March	15.2	14.3	19.5	10.6	78	12.9	3.5	1.5	1	1.7	8.79
April	11.1	17.8	24.4	12.5	67	14.1	2.4	3.2	1	1.6	11.17
May	13.9	19.6	24.2	14.8	59	14.4	0.8	0.0	0	1.1	9.44
June	11.5	23.8	27.9	20.7	67	20.5	1.0	0.0	0	1.3	9.51
July	8.7	25.1	28.0	21.9	86	28.1	1.4	0.0	0	1.4	9.81
August	10.3	25.6	28.3	22.6	84	28.4	1.5	0.0	0	1.5	11.48
September	13.4	24.8	28.0	21.1	70	22.5	1.6	1.6	1	1.1	11.76
October	15.6	22.3	26.5	18.6	64	17.3	3.0	8.8	2	1.0	11.35
November	18.6	18.1	22.6	14.3	72	15.0	4.1	19.3	4	1.3	6.66
December	15.6	16.3	20.3	13.2	72	13.6	5.8	131.4	6	2.2	6.98
YEAR ...	1013.9	19.4	23.8	15.6	73	17.4	3.0	384.8	28	1.4	9.35

Absolute Max. 40.4 °C.

Absolute Min. 5.3 °C.

Max. Rain in 1 day 98.8 mms.

**ASHTUM EL GAMIL.**

YEAR	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Ptobs.
	(m.b.)										
<b>1930</b>											
January	—	—	17°7	—	76	12°1	5°8	43°0	11	1°6	3°58
February	—	—	18°0	—	74	12°0	5°1	15°0	2	—	4°79
March	—	—	20°1	—	74	14°3	4°9	3°0	1	1°3	4°83
April	—	—	23°4	—	69	15°6	4°2	25°0	2	1°5	6°47
May	—	—	24°2	—	69	18°0	2°5	0°0	0	1°0	6°46
June	—	—	28°1	—	71	23°2	2°2	0°0	0	1°4	6°91
July	—	—	29°9	—	77	27°4	1°6	0°0	0	1°5	6°15
August	—	—	29°8	—	77	27°8	3°3	0°0	0	1°4	5°94
September	—	—	29°2	—	72	25°2	3°8	0°0	0	1°7	6°28
October	—	—	27°8	—	76	22°5	3°2	0°0	0	—	6°28
November	—	—	24°7	—	71	18°4	5°1	27°0	2	—	5°89
December	—	—	20°8	—	82	16°5	5°2	10°0	2	—	4°17
YEAR	—	—	24°5	—	74	19°4	3°9	123°0	20	—	5°64

Absolute Max. 33°3 °C.

Absolute Min. .....°C

Max. Rain in 1 day 21°0 mms.

**PORT SAID.**

YEAR	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Ptobs.
	(m.b.)										
<b>1930</b>											
January	1017°0	13°7	18°6	10°7	80	12°1	4°3	23°3	5	2°8	2°78
February	16°4	14°4	19°2	11°4	74	12°0	4°1	29°0	2	3°1	3°78
March	15°4	16°7	21°7	13°6	74	13°6	2°8	6°1	2	2°9	4°23
April	11°9	10°8	25°2	16°7	66	15°6	2°9	14°5	2	3°0	5°43
May	14°0	22°0	26°9	18°7	68	17°7	1°0	Drop	0	2°7	6°23
June	10°7	25°7	30°7	22°0	72	23°5	0°8	0°0	0	2°1	5°57
July	7°6	27°3	32°4	23°4	74	26°2	0°6	0°6	0	2°5	4°84
August	8°8	27°7	32°7	24°1	74	27°0	1°1	0°0	0	2°2	4°78
September	12°3	26°7	31°7	23°1	70	24°1	0°9	Drop	0	2°3	9°11
October	15°4	24°5	29°8	20°9	70	20°8	2°1	Drop	0	2°3	4°54
November	18°0	20°5	24°8	17°8	72	16°8	2°3	19°1	2	2°4	4°79
December	16°3	17°7	21°8	15°2	82	16°1	5°3	12°7	2	2°1	5°93
YEAR	1013°6	21°4	26°3	18°1	73	18°8	2°3	104°7	25	2°5	4°60

Absolute Max. 43°8 °C.

Absolute Min. 8°8 °C.

Max. Rain in 1 day 12°9 mms.

## SIRW.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									(0-12)	
<b>1930</b>											
January	—	12.5	19.0	8.2	86	13.5	3.2	76.0	8	2.2	2.53
February	—	13.6	20.3	10.3	79	12.7	2.0	21.0	2	2.4	3.33
March	—	16.5	23.4	11.9	78	15.8	1.1	3.0	1	2.3	4.19
April	—	20.2	27.6	15.2	62	15.8	1.0	11.0	2	2.7	6.41
May	—	22.0	28.9	16.6	64	17.6	0.3	0.0	0	2.3	6.76
June	—	25.7	33.0	19.6	68	24.0	0.3	0.0	0	2.1	6.90
July	—	27.3	35.1	20.0	72	27.0	0.7	3.0	1	2.2	7.51
August	—	26.6	34.0	18.7	78	28.4	0.9	0.0	0	2.2	6.04
September	—	26.0	32.1	—	77	26.4	0.6	0.0	0	2.1	4.80
October	—	23.5	29.5	17.3	70	24.3	1.2	0.0	0	2.1	4.64
November	—	19.6	24.9	14.7	70	19.6	2.1	9.0	1	2.3	3.77
December	—	17.0	22.2	12.7	85	17.6	3.9	15.5	3	2.3	2.48
YEAR	—	20.9	27.5	—	76	20.2	1.4	138.5	18	2.3	4.95

Absolute Max. 45.5 °C.

Absolute Min. 5.2 °C.

Max. Rain in 1 day 37.0 mms.

## SAKHA.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									(0-12)	
<b>1930</b>											
January	—	11.2	19.4	6.2	86	10.3	3.0	43.0	7	1.4	1.68
February	—	11.3	19.6	6.4	81	10.1	3.2	17.6	3	1.6	2.30
March	—	14.5	24.3	7.7	78	11.3	1.7	4.8	2	1.4	3.25
April	—	19.6	29.9	11.8	72	14.7	1.1	Drops	0	1.6	5.34
May	—	21.6	31.7	13.1	68	17.6	0.7	0.0	0	2.0	5.60
June	—	25.9	34.4	17.8	72	25.4	0.9	Drops	0	1.3	6.22
July	—	26.9	35.0	19.0	74	26.8	0.7	0.0	0	1.2	4.94
August	—	26.8	34.1	19.3	74	27.1	1.3	0.0	0	1.1	4.25
September	—	24.7	32.3	17.7	78	24.7	0.5	0.8	0	1.2	3.83
October	—	21.8	29.9	7.3	86	21.6	0.8	3.2	1	1.1	3.18
November	—	18.0	25.8	12.3	81	16.7	2.4	6.6	2	1.2	2.39
December	—	—	—	8.5	88	—	3.1	19.5	4	1.3	1.45
YEAR	—	—	—	12.9	78	—	1.6	95.5	19	1.4	3.70

Absolute Max. 48.0 °C.

Absolute Min. 4.0 °C.

Max. Rain in 1 day 14.8 mms.

## MANSURA

YEAR	PRESSURE. 8 h. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (mb)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Pisba.
		Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 min. or over.		
								(0-10)	(0-12)		
<b>1980</b>											
January	—	13.4	19.6	7.3	83	10.7	3.4	45.8	6	1.3	2.10
February	—	13.9	20.4	7.4	78	10.5	3.1	17.5	3	1.4	2.73
March	—	16.9	24.4	9.4	80	13.3	2.2	1.6	1	1.2	3.78
April	—	21.2	29.3	13.0	65	14.8	2.4	8.5	1	1.4	6.16
May	—	23.1	31.2	15.0	64	17.3	1.4	1.0	1	1.1	6.74
June	—	27.0	34.7	19.2	67	22.5	1.0	0.0	0	1.1	7.25
July	—	27.9	35.5	20.3	74	25.4	1.6	0.0	0	1.2	6.79
August	—	27.8	35.1	20.5	81	27.6	2.3	0.0	0	1.0	6.02
September	—	26.4	33.7	19.2	78	24.5	1.3	Drops	0	1.0	4.85
October	—	24.0	31.1	17.0	74	19.9	1.7	0.0	0	1.0	4.35
November	—	19.9	26.2	13.6	78	15.9	1.7	7.5	2	1.1	3.10
December	—	17.4	23.1	11.6	87	14.1	4.5	6.5	3	1.3	2.15
YEAR	—	21.0	28.7	14.5	76	18.0	2.2	88.4	17	1.2	4.67

Absolute Max. 42.8 °C.

Absolute Min. 3.5 °C.

Max. Rain in 1 day 17.0 mms.

## DAMANHUR.

YEAR	PRESSURE. 8 h. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (mb)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Pisba.
		Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10)	Total (mm.)	Days with 1 min. or over.	
								(0-10)	(0-12)		
<b>1980</b>											
January	1017.6	12.9	19.0	6.8	91	10.7	3.3	77.2	7	1.7	1.93
February	16.7	13.1	19.2	7.0	85	10.7	2.9	25.5	4	2.1	2.54
March	15.5	15.6	22.7	8.5	89	13.3	2.4	Drops	0	1.5	3.12
April	11.5	20.2	28.5	12.0	72	16.3	1.2	6.3	1	1.9	5.71
May	13.8	22.1	30.4	13.8	73	20.5	0.2	Drops	0	1.7	6.04
June	11.0	25.4	32.8	18.1	61	21.6	0.2	0.0	0	1.4	6.43
July	7.8	26.2	33.3	19.2	72	26.5	0.1	0.0	0	1.2	5.60
August	9.0	26.0	32.6	19.5	73	26.1	0.1	0.0	0	1.3	4.88
September	12.6	25.0	31.8	18.1	80	24.4	0.3	Drops	0	1.1	4.01
October	15.6	22.8	29.8	15.8	83	19.9	0.1	0.0	0	1.1	3.71
November	18.6	19.0	25.4	12.7	88	15.9	0.5	8.4	3	1.3	2.07
December	16.3	16.7	22.2	11.2	93	14.3	2.0	26.3	6	2.6	1.48
YEAR	1013.8	20.4	27.3	13.6	80	18.4	1.1	143.7	21	1.5	3.96

Absolute Max. 41.3 °C.

Absolute Min. 1.0 °C.

Max. Rain in 1 day 29.5 mms.

## GEMMEIZA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY (%)	VAPOUR PRESSURE (m.b.)	CLOUD AMOUNT (0-10)	RAINFALL		WIND FORCE (0-12)	EVAPORATION mm. per day Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Mean	Total (mm.)	Days with 1 mm. or over.	
<b>1930</b>											
January	1016.6	10.8	19.0	5.8	90	11.1	4.5	31.7	6	0.4	2.18
February	16.2	11.5	19.8	5.8	84	11.2	4.2	10.0	3	0.5	2.97
March	14.8	14.6	24.1	7.6	82	12.4	2.0	4.0	2	0.7	4.32
April	11.1	19.6	29.4	11.7	64	13.5	2.2	3.0	1	0.7	7.59
May	13.2	22.0	31.8	13.6	69	17.1	0.9	Drops	0	0.6	8.75
June	10.3	25.5	34.4	17.6	70	21.4	1.7	0.0	0	0.4	7.99
July	7.2	26.4	34.3	19.5	72	23.4	0.9	0.0	0	0.3	6.37
August	8.6	25.9	34.1	19.3	78	24.4	1.3	0.0	0	0.4	5.47
September	11.9	24.5	33.7	17.6	70	21.8	1.3	Drops	0	0.3	8.19
October	14.8	21.6	30.3	14.2	79	19.0	1.9	Drops	0	0.3	4.21
November	17.8	17.0	25.0	11.5	88	16.0	2.4	10.8	2	0.5	2.94
December	15.9	15.1	22.2	10.7	90	15.0	5.1	11.0	5	0.5	1.87
YEAR	1013.2	19.5	28.2	13.0	79	17.2	2.4	70.5	19	0.5	4.99

Absolute Max. 42.8 °C.

Absolute Min. 3.0 °C.

Max. Rain in 1 day 14.0 mms.

## TANTA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY (%)	VAPOUR PRESSURE (m.b.)	CLOUD AMOUNT (0-10)	RAINFALL		WIND FORCE (0-12)	EVAPORATION mm. per day Piche.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Mean	Total (mm.)	Days with 1 mm. or over.	
<b>1930</b>											
January	1016.4	11.6	19.1	7.1	—	—	5.1	30.0	7	1.4	2.90
February	16.1	12.4	19.3	7.7	78	10.7	4.5	8.7	3	1.7	3.17
March	14.6	15.4	24.9	9.3	76	12.0	2.9	0.6	0	1.7	4.15
April	11.1	20.2	29.5	13.2	59	12.1	3.3	10.2	1	2.1	7.08
May	13.0	22.5	32.1	14.9	57	13.0	1.4	0.0	0	1.9	7.83
June	10.2	26.1	35.1	18.9	62	18.4	1.2	0.0	0	1.6	8.57
July	7.4	27.0	35.6	20.1	68	21.4	0.7	0.0	0	1.4	7.55
August	8.7	26.6	35.3	20.2	72	22.2	1.2	0.0	0	1.4	6.38
September	11.9	25.0	33.8	18.8	73	20.3	1.2	4.2	1	1.3	5.79
October	14.8	22.8	30.8	16.2	74	17.7	2.0	0.0	0	1.3	4.63
November	17.6	17.9	26.1	12.7	80	15.0	2.0	7.7	2	1.4	3.21
December	15.8	15.7	22.3	11.4	84	14.3	5.7	13.3	6	1.3	2.68
YEAR	1013.1	20.8	28.7	14.2	—	—	8.7	74.7	20	1.3	5.22

Absolute Max. 42.5 °C.

Absolute Min. 4.5 °C.

Max. Rain in 1 day 12.8 mms.

## ZAGAZIG.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1930</b>											
January	—	11·8	20·0	6·0	90	12·3	3·6	31·4	6	2·6	1·48
February	—	12·8	21·5	6·6	85	12·4	2·8	11·2	3	3·0	2·64
March	—	—	—	—	—	—	—	—	—	—	—
April	—	20·9	29·8	14·2	64	15·0	2·3	2·7	2	2·6	5·28
May	—	22·9	31·8	14·4	64	17·2	0·6	0·0	0	2·2	5·10
June	—	26·6	34·9	—	65	21·4	0·6	0·0	0	1·5	5·29
July	—	27·6	35·5	19·6	68	24·1	0·8	0·0	0	1·2	4·66
August	—	26·7	—	18·4	75	25·3	1·0	0·0	0	1·4	3·95
September	—	25·2	33·1	18·6	80	23·6	0·8	5·0	1	1·9	3·29
October	—	22·7	31·4	15·5	76	20·3	1·2	0·0	0	1·6	3·05
November	—	18·4	26·6	12·5	84	17·2	2·0	0·6	0	2·0	1·99
December	—	16·0	23·2	11·2	88	15·9	4·6	2·7	2	2·3	1·45
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 42·8 °C.

Absolute Min. 2·8 °C.

Max. Rain in 1 day 16·2 mms.

## BEN HA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1930</b>											
January	—	13·0	18·8	7·1	79	9·5	3·7	24·2	6	1·5	2·08
February	—	13·7	19·8	7·6	71	9·6	3·4	2·0	1	1·9	3·14
March	—	17·2	24·4	9·9	72	12·1	3·1	7·5	1	1·7	4·16
April	—	21·5	29·4	13·6	56	13·5	2·9	0·0	0	2·0	6·22
May	—	23·8	33·1	15·5	56	16·1	0·6	0·0	0	1·6	6·93
June	—	27·5	35·2	19·8	62	21·7	1·6	0·0	0	1·4	7·24
July	—	28·3	35·5	21·1	69	24·9	1·5	0·0	0	1·4	7·01
August	—	27·8	34·4	21·2	73	25·3	2·4	0·0	0	1·3	5·69
September	—	25·9	32·3	19·5	74	23·6	1·7	0·0	0	1·2	4·58
October	—	23·4	30·0	16·9	73	19·8	1·7	0·0	0	1·5	3·87
November	—	19·2	24·9	13·6	77	15·4	2·2	5·0	1	1·4	2·80
December	—	17·0	22·0	12·1	83	13·9	6·2	2·5	2	1·7	2·04
YEAR	—	21·5	28·2	14·8	70	17·1	2·6	41·2	11	1·6	4·65

Absolute Max. 43·4 °C.

Absolute Min. 4·3 °C.

Max. Rain in 1 day 12·0 mms.

## KHANKA.

YEAR.	PRESSURE. 8 h. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 min. or over.		
<b>1930</b>											
January	—	12.6	18.9	6.4	89	10.1	5.9	21.2	3	1.7	2.03
February	—	13.9	20.5	7.3	79	10.4	4.8	3.1	1	2.2	3.40
March	—	17.2	25.2	9.2	75	12.5	3.6	1.4	1	2.0	4.76
April	—	21.6	30.3	12.8	61	14.1	5.1	0.7	0	2.2	7.28
May	—	23.8	32.9	14.8	—	—	1.9	0.0	0	1.8	7.74
June	—	27.2	35.9	18.6	67	21.8	2.1	0.0	0	1.3	8.06
July	—	28.0	36.5	19.4	80	26.5	4.3	0.0	0	1.7	6.87
August	—	27.9	36.2	19.6	82	26.4	3.4	0.0	0	1.7	5.75
September	—	26.4	34.6	18.1	84	24.8	3.3	0.0	0	1.2	5.01
October	—	23.2	30.7	15.6	85	20.7	3.3	0.0	0	1.8	4.14
November	—	18.4	25.3	11.6	92	16.0	4.8	5.7	1	1.5	2.63
December	—	16.7	22.5	10.9	92	14.1	7.3	7.4	3	1.8	2.02
YEAR	—	21.4	29.1	13.7	—	—	4.2	39.5	9	1.7	4.97

Absolute Max. 44.2 °C.

Absolute Min. 3.4 °C

Max. Rain in day 17.1 mms.

## DELTA BARRAGE

YEAR.	PRESSURE. 8 h. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	
<b>1930</b>											
January	—	13.0	19.2	6.9	87	10.5	6.2	—	—	—	2.87
February	—	13.8	20.3	7.4	77	10.7	3.6	—	—	—	4.01
March	—	—	—	9.0	81	13.1	2.4	—	—	—	4.77
April	—	—	—	11.9	61	14.1	2.9	—	—	—	7.34
May	—	—	—	13.9	62	16.8	0.7	—	—	—	8.46
June	—	—	—	18.4	65	21.8	1.1	—	—	—	7.72
July	—	27.7	35.9	19.5	73	25.6	2.8	—	—	—	7.19
August	—	27.2	34.6	19.9	77	25.7	2.1	—	—	—	6.02
September	—	25.3	32.3	18.3	70	24.0	2.8	—	—	—	4.81
October	—	23.0	30.2	15.8	76	20.1	2.0	—	—	—	4.73
November	—	18.6	25.0	12.3	84	16.0	2.9	—	—	—	3.46
December	—	16.8	22.5	11.2	92	14.4	6.8	—	—	—	2.86
YEAR	—	—	—	13.7	76	17.7	3.0	—	—	—	5.35

Absolute Max. ..... °C.

Absolute Min. 2.6 °C.

Max. Rain in 1 day.....mms.

## HELIOPOLIS.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Pièche.
	(m.b.)										
<b>1930</b>											
January	—	13.9	19.9	7.9	82	10.3	3.6	11.5	1	0.6	1.68
February	—	15.3	21.6	9.0	73	10.1	3.5	1.8	1	0.6	3.07
March	—	18.4	25.7	11.2	73	12.5	2.5	5.3	1	0.8	4.32
April	—	23.0	30.5	15.6	59	14.4	3.6	0.0	0	1.0	6.73
May	—	25.4	33.6	17.3	59	17.2	1.3	0.0	0	1.4	7.57
June	—	28.9	36.7	21.1	64	22.5	0.7	0.0	0	1.0	8.05
July	—	—	37.4	—	72	24.0	1.8	0.0	0	0.4	7.13
August	—	29.2	36.3	22.2	72	24.5	2.0	0.0	0	1.1	6.02
September	—	27.4	34.4	20.3	71	23.2	2.5	0.8	0	1.1	5.17
October	—	24.3	31.2	17.4	72	18.7	1.7	0.0	0	0.6	5.07
November	—	19.8	26.1	13.6	83	16.3	2.4	3.6	1	0.6	2.96
December	—	17.7	23.4	12.0	79	13.9	5.6	6.2	2	0.9	2.53
YEAR ...	—	—	29.7	—	72	17.3	2.6	29.2	6	0.8	5.02

Absolute Max. 45.8 °C.

Absolute Min. 4.6 °C.

Max. Rain in 1 day 11.5 mms.

## SUEZ.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Pièche.
	(m.b.)										
<b>1930</b>											
January	1016.3	13.8	19.0	10.1	72	11.2	4.0	8.0	5	2.2	4.46
February	15.5	14.9	20.6	10.7	64	10.5	3.6	2.0	2	2.3	6.17
March	13.8	17.3	24.1	12.4	65	12.0	2.3	11.8	2	2.5	7.00
April	10.4	21.6	28.1	16.5	63	15.5	3.0	11.4	2	2.4	8.58
May	11.8	24.0	31.7	18.5	63	17.6	0.6	0.0	0	2.7	12.34
June	9.0	27.4	35.1	21.9	62	21.3	0.6	2.0	1	2.6	13.32
July	6.0	28.6	36.2	23.4	64	23.0	0.2	0.0	0	2.5	13.11
August	7.1	28.4	35.6	23.5	68	23.0	0.5	0.0	0	2.7	11.52
September	10.6	26.8	33.5	22.2	64	20.4	0.6	0.0	0	2.6	9.95
October	13.5	24.0	30.2	19.5	64	18.0	1.7	0.0	0	2.2	7.90
November	16.4	19.9	25.8	15.7	66	14.3	2.4	0.0	0	2.2	5.86
December	15.2	17.3	23.1	13.4	71	13.6	3.9	2.4	1	2.0	4.64
YEAR ...	1012.1	22.0	28.6	17.3	66	16.7	2.0	37.6	13	2.4	8.74

Absolute Max. 42.0 °C.

Absolute Min. 7.5 °C.

Max. Rain in 1 day 8.0 mms.

## HELWAN.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND VELOCITY	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									Kms. per hour.	
<b>1930</b>											
January	1004.2	12.0	17.5	8.2	70	9.2	5.0	13.1	5	12.3	3.80
February	3.6	13.2	19.9	8.6	56	7.9	3.8	1.1	0	13.0	6.87
March	1.8	16.6	24.3	10.8	54	8.5	2.5	7.7	2	13.8	8.73
April	998.6	22.0	30.1	16.2	41	8.8	3.6	Drops	0	16.1	14.02
May	99.9	24.2	32.9	16.8	40	9.7	1.0	1.0	1	21.1	16.03
June	97.3	27.5	35.4	21.0	44	13.5	0.5	Drops	0	19.1	18.89
July	94.6	28.2	36.2	21.6	50	16.1	0.3	0.0	0	17.0	17.25
August	95.8	27.8	35.2	21.8	56	18.0	0.6	0.0	0	18.4	15.20
September	99.0	26.1	33.2	20.6	59	17.2	1.0	Drops	0	17.4	13.05
October	1002.0	23.4	30.2	18.4	58	15.1	1.9	0.0	0	16.1	10.48
November	4.8	18.7	24.7	14.6	66	13.1	2.7	0.0	0	16.1	6.75
December	3.0	16.7	22.9	12.9	70	12.1	5.4	11.0	3	12.5	5.69
YEAR	1000.4	21.4	28.5	16.0	55	12.4	2.4	33.9	11	16.1	11.40

Absolute Max. 44.4 °C.

Absolute Min. 4.3 °C.

Max. Rain in 1 day 6.2 mms.

## SHAKSHUK.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND VELOCITY	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									Kms. per hour.	
<b>1930</b>											
January	—	12.0	19.3	6.6	76	10.4	3.7	1.0	1	5.6	3.52
February	—	13.1	21.1	7.1	69	10.1	2.9	Drops	0	6.3	4.89
March	—	17.0	24.8	10.8	64	11.9	1.8	1.5	1	6.9	6.24
April	—	21.2	29.3	14.0	56	13.5	2.9	0.5	0	7.8	8.75
May	—	24.6	32.4	18.2	55	15.6	0.7	0.5	0	9.8	11.58
June	—	28.3	35.5	22.2	58	20.7	0.3	0.0	0	9.8	12.11
July	—	29.4	37.1	23.3	60	22.4	0.0	0.0	0	8.8	11.72
August	—	29.1	36.4	23.5	61	22.5	0.1	0.0	0	10.4	9.57
September	—	26.8	34.1	21.2	66	21.3	0.5	0.0	0	9.1	8.82
October	—	23.5	30.4	18.2	68	19.1	1.1	0.0	0	7.9	7.53
November	—	19.2	25.2	14.8	73	15.5	1.6	0.0	0	7.9	5.45
December	—	16.5	22.4	12.1	79	14.4	5.2	8.0	2	5.8	3.17
YEAR	—	21.7	29.0	16.0	65	16.4	1.7	11.5	4	8.0	7.78

Absolute Max. 48.4 °C.

Absolute Min. 2.2 °C.

Max. Rain in 1 day 6.0 mms.

## QASR EL GEBALI.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Piche.
<b>1930</b>											
January	1017.8	11.8	11.2	6.5	78	9.6	2.0	10.0	3	1.6	3.28
February	16.8	12.8	21.1	6.7	68	8.8	0.3	1.0	1	1.8	4.87
March	15.0	16.4	25.6	9.1	63	9.7	0.1	4.0	2	1.8	6.54
April	11.6	21.3	30.9	13.4	49	10.7	0.3	Drops	0	2.1	10.56
May	12.7	24.8	31.3	16.1	44	11.6	0.1	Drops	0	2.4	14.25
June	10.3	28.6	37.2	20.4	44	14.8	0.0	0.0	0	2.1	14.73
July	7.4	29.0	37.5	21.4	51	17.3	0.0	0.0	0	2.0	12.73
August	8.7	28.5	36.6	21.3	55	18.2	0.0	0.0	0	2.1	11.50
September	11.9	26.5	34.9	19.7	60	17.3	0.0	0.0	0	1.7	9.19
October	14.6	23.2	31.1	16.5	62	15.6	0.0	0.0	0	1.8	7.05
November	17.8	18.5	25.5	13.0	70	13.5	0.0	0.0	0	2.0	5.20
December	16.2	16.0	22.7	11.4	80	13.3	1.1	8.0	2	1.7	3.08
YEAR	1013.4	21.4	29.7	14.6	60	13.4	0.3	23.0	8	1.9	8.58

Absolute Max. 45.5 °C.

Absolute Min. 3.0 °C.

Max. Rain in 1 day 8.0 mms.

## FAIYUM.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Piche.
<b>1930</b>											
January	—	11.4	—	6.2	78	10.0	4.0	3.0	2	1.2	2.83
February	—	12.7	21.6	7.2	70	9.5	3.0	1.0	1	1.3	4.09
March	—	16.1	25.7	9.1	64	10.4	1.9	4.0	1	1.5	5.67
April	—	21.1	30.6	13.6	50	11.5	2.4	0.0	0	1.7	8.21
May	—	24.4	33.9	15.8	43	11.9	0.6	Drops	0	2.1	11.75
June	—	28.0	36.5	20.6	46	15.9	0.5	0.0	0	2.4	12.64
July	—	28.5	37.3	21.4	53	18.2	0.2	0.0	0	2.2	11.35
August	—	27.9	36.1	21.3	58	19.6	0.4	0.0	0	2.3	10.19
September	—	25.8	34.2	19.5	64	18.7	0.6	0.0	0	2.0	8.04
October	—	22.8	31.1	17.3	66	16.4	1.1	0.0	0	1.9	6.39
November	—	17.9	—	12.9	74	14.0	1.7	0.0	0	1.8	4.33
December	—	15.7	23.2	11.3	81	13.3	5.0	5.8	2	1.2	2.82
YEAR	—	21.0	—	14.7	62	14.1	1.8	14.7	6	1.8	7.36

Absolute Max. 44.4 °C.

Absolute Min. 8.7 °C.

Max. Rain in 1 day 4.8 mms.

## SIWA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picbs.
<b>1930</b>											
January	1021.4	11.0	19.3	4.6	79	11.2	2.6	Drops	0	1.1	3.95
February	20.0	12.2	21.5	5.0	74	11.6	2.1	Drops	0	1.3	5.47
March	18.3	15.6	25.6	7.4	68	13.3	1.5	0.0	0	1.1	6.03
April	13.9	21.6	31.6	13.1	38	9.7	1.8	0.0	0	1.2	8.94
May	15.6	24.8	34.0	16.4	38	11.9	0.9	Drops	0	0.9	11.78
June	13.4	29.1	38.6	20.8	40	16.3	0.7	0.0	0	0.9	13.73
July	11.4	29.4	38.6	21.5	42	16.4	0.1	0.0	0	0.9	12.18
August	13.0	27.6	36.9	18.9	50	18.0	0.0	0.0	0	1.0	12.34
September	15.9	25.3	35.1	16.3	48	14.1	0.2	0.0	0	0.6	10.01
October	18.7	21.5	—	12.7	59	14.8	0.9	0.0	0	0.4	8.43
November	21.9	16.0	—	—	77	15.9	1.4	0.0	0	0.6	5.39
December	18.6	—	—	—	—	—	4.0	34.6	2	0.6	4.34
YEAR	1016.8	—	—	—	—	—	1.4	34.6	2	0.9	8.55

Absolute Max. 47.0 °C.

Absolute Min. 0.5 °C.

Max. Rain in 1 day 28.0 mms.

## TOR.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Picbs.
<b>1930</b>											
January	1016.7	14.2	19.9	9.3	70	12.5	3.2	11.7	3	2.0	7.85
February	15.4	15.4	21.4	9.9	56	10.8	2.4	4.8	2	2.1	8.96
March	13.1	18.6	24.3	13.0	67	15.9	2.0	0.0	0	2.2	9.65
April	10.3	22.6	28.6	17.1	70	20.9	2.6	0.0	0	2.3	12.84
May	10.4	25.4	32.1	20.6	68	22.2	1.1	0.0	0	2.9	13.32
June	7.2	27.8	34.1	23.8	70	26.5	0.3	0.0	0	3.7	14.19
July	5.1	29.2	35.3	24.8	66	27.1	0.1	0.0	0	2.9	13.17
August	5.5	29.1	34.1	25.4	70	29.3	0.2	0.0	0	3.5	12.65
September	9.0	27.3	33.1	22.5	63	23.9	0.5	0.0	0	3.2	11.23
October	12.4	24.7	29.6	18.9	58	19.9	1.7	0.0	0	2.3	9.89
November	15.5	19.9	25.6	13.7	64	17.3	1.6	0.0	0	1.8	8.29
December	15.4	18.0	24.2	12.7	62	14.8	4.7	7.0	1	1.6	6.78
YEAR	1011.3	22.7	28.4	17.6	65	20.1	1.7	23.5	6	2.5	10.7

Absolute Max. 41.0 °C.

Absolute Min. 6.5 °C.

Max. Rain in 1 day 7.0 mms.

**MINYA.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	
										8 h. (0-12)	Picbs.
<b>1930</b>											
January	1014.6	13.1	20.0	6.2	80	10.0	2.6	—	—	3.1	2.63
February	13.9	14.4	22.1	6.7	71	9.3	1.2	—	—	2.8	4.74
March	11.8	17.8	26.4	9.1	67	11.1	0.4	—	—	2.6	5.83
April	8.0	22.8	31.6	14.0	58	13.9	1.2	—	—	3.0	8.56
May	9.2	25.7	34.5	16.9	53	14.5	0.2	—	—	3.1	10.44
June	6.6	28.8	36.6	20.9	56	19.5	0.0	—	—	3.1	12.10
July	3.6	29.2	36.8	21.5	65	22.4	0.0	—	—	3.2	10.53
August	5.0	29.0	36.0	21.9	72	23.6	0.2	—	—	3.9	9.30
September	8.3	26.6	33.6	19.5	73	21.4	0.5	—	—	3.6	7.75
October	11.1	23.7	30.6	16.8	74	18.2	0.9	—	—	2.6	5.91
November	14.6	18.6	25.0	12.2	78	14.1	0.9	—	—	2.4	3.79
December	12.7	16.8	23.2	10.5	85	12.9	2.5	—	—	2.2	2.32
YEAR	1010.0	22.2	29.7	14.7	69	15.9	0.9	—	—	3.0	6.99

Absolute Max. 43.0 °C.

Absolute Min. 3.0 °C.

Max. Rain in 1 day ... mms.

**HURGHADA.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	
										8 h. (0-12)	Picbs.
<b>1930</b>											
January	1017.8	15.2	21.0	9.4	59	9.3	2.5	0.0	0	3.7	9.90
February	16.4	15.0	22.5	9.3	48	8.5	1.4	Drops	0	4.2	11.36
March	13.9	18.6	25.4	11.9	48	10.8	1.8	Drops	0	4.1	12.44
April	11.1	23.3	30.2	16.4	51	15.1	1.9	0.0	0	3.6	13.45
May	11.6	25.7	31.8	19.6	41	14.3	1.7	0.0	0	4.4	17.32
June	8.6	28.9	34.7	23.1	43	17.7	0.4	0.0	0	4.7	19.46
July	6.0	30.0	35.2	24.8	46	20.3	0.1	0.0	0	4.2	17.63
August	6.3	30.4	35.1	25.8	50	22.0	0.1	0.0	0	4.7	19.49
September	9.8	28.0	33.1	22.8	49	19.5	0.1	0.0	0	4.9	18.01
October	13.5	25.0	30.5	19.4	54	17.7	0.7	0.0	0	4.1	13.39
November	16.7	20.6	26.3	14.9	59	14.5	0.5	0.0	0	4.6	—
December	16.0	19.1	24.9	13.3	57	12.4	1.6	Drops	0	5.0	—
YEAR	1012.3	23.4	29.2	17.6	50	15.2	1.1	Drops	0	4.4	—

Absolute Max. 41.2 °C.

Absolute Min. 5.6 °C.

Max. Rain in 1 day Drops.

## ASYUT.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY Mean (%)	VAPOUR PRESSURE Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL		WIND FORCE Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean. (m.b.)	Mean	Mean Maximum.	Mean Minimum				Total (mm.)	Days with 1 mm. or over.		
<b>1930</b>											
January	1012.0	11.8	18.9	7.0	70	8.9	1.1	0.0	0	2.4	3.58
February	1018	13.2	21.5	7.5	56	7.7	1.0	0.0	0	2.5	5.24
March	8.4	17.0	26.0	10.4	51	8.4	0.6	0.0	0	2.4	7.02
April	5.1	22.8	31.2	15.6	40	10.1	1.5	Drops	0	2.4	10.63
May	5.5	26.5	34.7	19.0	53	10.1	0.2	0.0	0	2.6	13.93
June	4.8	29.6	37.2	22.5	34	12.5	0.0	0.0	0	2.7	15.42
July	0.6	29.4	37.7	22.5	45	16.4	0.0	0.0	0	2.5	12.04
August	1.6	29.0	36.6	22.9	50	17.8	0.0	0.0	0	2.9	12.09
September	5.0	26.4	34.4	—	52	16.5	0.0	0.0	0	2.9	9.91
October	8.0	23.9	31.1	18.9	60	16.0	0.7	0.0	0	2.8	7.14
November	11.2	18.2	25.0	13.3	70	13.6	0.8	0.0	0	2.4	4.32
December	9.9	16.2	24.1	11.2	74	12.8	2.1	Drops	0	2.4	3.40
YEAR	1006.7	22.0	29.9	—	53	12.6	0.7	Drops	0	2.6	8.73

Absolute Max. 44.4 °C.

Absolute Min. 4.5 °C.

Max. Rain in 1 day Drops.

## QENA.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY 8 h. (%)	VAPOUR PRESSURE 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND FORCE 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (%)	8 h. (m.b.)		
<b>1930</b>											
January	—	14.8	22.4	7.1	74	9.1	1.9	—	—	1.2	3.16
February	—	16.6	25.4	7.7	—	—	1.9	—	—	1.1	4.15
March	—	21.0	31.0	11.0	52	10.1	1.0	—	—	1.7	6.12
April	—	26.2	35.7	16.6	29	8.7	1.6	—	—	1.9	9.61
May	—	29.8	38.7	20.9	27	10.1	1.7	—	—	1.5	11.64
June	—	31.8	40.3	23.4	31	14.0	0.2	—	—	1.4	13.19
July	—	32.6	41.0	24.1	39	17.1	0.0	—	—	1.2	11.63
August	—	33.0	41.2	24.7	44	19.4	0.1	—	—	1.5	10.65
September	—	29.8	38.7	21.0	53	19.9	0.6	—	—	1.7	7.94
October	—	26.7	35.7	17.7	60	18.4	0.4	—	—	1.4	5.37
November	—	20.8	29.3	12.2	69	13.2	1.3	—	—	1.7	3.84
December	—	19.4	27.3	11.4	67	11.5	2.9	—	—	2.3	3.45
YEAR	—	25.2	33.9	16.5	--	—	1.1	—	—	1.6	7.56

Absolute Max. 45.9 °C.

Absolute Min. 3.2 °C.

Max. Rain in 1 day ... mms

## QUSEIR.

YEAR.	PRESSURE. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		8 h. Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1930</b>											
January	1017.5	17.6	22.1	13.2	48	0.2	0.8	0.0	0	4.8	7.70
February	15.5	18.7	23.2	14.2	40	8.7	0.4	0.0	0	4.2	8.15
March	13.1	20.8	25.6	16.1	39	9.9	0.5	0.0	0	3.2	8.59
April	10.8	23.8	28.1	19.6	39	12.3	0.1	0.0	0	3.8	9.28
May	11.1	26.8	30.7	22.9	47	17.6	0.2	0.0	0	3.9	10.25
June	7.5	30.0	34.2	25.8	44	18.7	0.0	0.0	0	5.2	11.81
July	5.5	30.4	34.4	26.3	47	21.7	0.0	0.0	0	4.0	10.30
August	5.5	31.2	34.5	27.8	48	22.7	0.1	0.0	0	4.5	10.42
September	9.2	29.6	33.2	26.1	41	19.0	0.2	Drops	0	4.2	10.10
October	12.8	28.8	30.6	22.9	43	16.1	0.2	0.0	0	4.5	8.10
November	15.9	23.2	27.2	19.2	44	13.1	0.3	0.0	0	4.0	7.40
December	15.6	21.4	25.4	17.5	51	12.9	1.3	15.0	2	2.8	5.65
YEAR	1011.7	25.0	29.1	21.0	44	15.2	0.3	15.0	2	4.1	8.98

Absolute Max. 47.6 °C.

Absolute Min. 8.9 °C.

Max. Rain in 1 day 10.0 mms.

## NAG HAMMADI.

YEAR.	PRESSURE. (m.b.)	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		8 h. Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1930</b>											
January	—	15.0	20.6	9.5	71	9.2	1.4	—	—	0.0	3.76
February	—	16.8	23.4	10.3	58	8.1	2.2	—	—	0.1	4.99
March	—	21.4	28.2	14.7	50	9.2	0.9	—	—	0.2	7.35
April	—	34.0	—	—	—	—	0.4	—	—	0.0	11.48
May	—	31.6	37.7	25.4	37	13.2	0.0	—	—	0.2	14.05
June	—	39.7	—	—	—	0.0	—	—	—	0.3	15.70
July	—	39.1	—	42	18.0	0.0	—	—	—	0.1	14.04
August	—	38.7	—	49	20.3	0.0	—	—	—	0.4	14.23
September	—	36.6	—	60	21.1	0.5	—	—	—	0.5	9.72
October	—	31.1	—	64	18.1	1.1	—	—	—	0.0	7.03
November	—	26.6	—	71	13.9	1.2	—	—	—	1.2	4.21
December	—	19.0	25.7	12.3	68	11.7	0.9	—	—	1.1	3.24
YEAR	—	—	31.8	—	—	—	0.7	—	—	0.3	9.15

Absolute Max. 45.5 °C.

Absolute Min. ..... °C.

Max. Rain in 1 day ..... mms.

## KHARGA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean (0-12)	Picke.
	(m.b.)										
<b>1980</b>											
January	—	13.2	21.2	5.1	—	—	—	0.0	0	—	4.65
February	1009.0	14.3	24.2	6.2	44	7.3	1.5	0.0	0	0.5	7.22
March	6.4	18.5	28.6	10.0	41	7.7	1.8	0.0	0	0.5	8.30
April	3.1	24.0	34.3	14.5	30	8.0	0.5	0.0	0	0.6	12.44
May	3.6	28.2	37.3	19.6	25	9.2	0.6	0.0	0	0.8	15.15
June	1.0	31.4	39.6	23.5	46	23.4	0.0	0.0	0	0.9	17.59
July	999.1	31.5	40.2	22.7	31	14.3	0.0	0.0	0	0.6	15.58
August	1000.0	30.4	38.9	22.2	33	13.7	0.1	0.0	0	0.7	13.94
September	2.8	28.5	37.3	20.5	34	12.7	0.5	0.0	0	0.7	12.70
October	5.6	25.4	34.4	17.9	37	10.8	0.5	0.0	0	0.9	10.91
November	9.1	18.8	27.6	11.4	51	10.3	0.5	0.0	0	0.5	6.20
December	7.5	18.0	27.4	10.6	53	10.5	1.2	Drops	0	0.5	5.33
YEAR	—	23.5	32.6	15.4	—	—	—	Drops	0	—	10.83

Absolute Max. 45.5 °C.

Absolute Min. 0.5 °C.

Max. Rain in 1 day Drops.

## DAEDALUS.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean (0-12)	Picke.
	(m.b.)										
<b>1980</b>											
January	—	20.0	25.5	17.3	6	14.5	3.7	Drops	0	4.3	—
February	—	20.7	—	17.5	66	16.7	2.4	0.0	0	4.3	—
March	—	21.8	28.3	18.6	76	20.3	2.3	0.0	0	4.0	—
April	—	24.3	30.1	20.5	76	24.1	1.8	0.0	0	3.5	—
May	—	26.0	30.8	21.9	77	27.1	2.7	0.0	0	3.5	—
June	—	27.8	32.2	23.7	78	30.5	1.9	Drops	0	3.6	—
July	—	29.0	34.3	24.4	79	33.2	1.3	0.0	0	2.5	—
August	—	30.1	36.2	25.8	72	32.5	1.3	0.0	0	2.6	—
September	—	29.2	35.3	26.0	70	30.1	0.7	0.0	0	2.1	—
October	—	28.0	35.8	25.2	72	28.4	1.0	Drops	0	3.0	—
November	—	26.0	32.8	23.9	64	22.2	2.1	0.0	0	2.8	—
December	—	24.4	30.7	21.2	74	23.8	2.2	Drops	0	2.5	—
YEAR	—	25.6	—	22.2	72	25.3	2.0	Drops	0	3.2	—

Absolute Max. 41.5 °C.

Absolute Min. 12.5 °C.

Max. Rain in 1 day Drops.

## ASWAN.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Pihe.
<b>1930</b>											
January	1006.3	14.4	22.4	8.1	49	7.6	0.9	—	—	0.6	6.20
February	4.6	17.0	26.1	9.8	34	6.4	0.7	—	—	0.7	9.42
March	2.3	21.4	31.0	13.4	26	6.3	0.7	—	—	0.8	12.91
April	998.7	26.6	36.7	18.4	23	7.7	0.5	—	—	0.9	15.35
May	98.8	31.0	40.2	22.9	18	8.1	1.3	—	—	0.6	19.76
June	95.9	33.7	42.4	25.5	16	8.4	0.3	—	—	1.1	22.75
July	94.2	34.0	42.7	26.3	20	10.3	0.0	—	—	0.4	19.79
August	94.8	34.4	42.6	27.2	22	11.7	0.8	—	—	0.7	21.42
September	97.6	31.9	40.7	24.5	24	10.9	0.5	—	—	0.9	20.78
October	1000.7	28.1	37.1	21.0	30	10.1	0.3	—	—	0.8	16.90
November	4.3	21.3	29.5	14.7	39	9.3	0.7	—	—	0.7	10.60
December	3.5	20.4	28.9	13.8	48	10.9	1.6	—	—	0.6	7.46
YEAR	1000.1	26.2	35.0	18.8	29	9.0	0.7	—	—	0.7	15.23

Absolute Max. 49.1 °C.

Absolute Min. 3.8 °C.

Max. Rain in 1 day ... mms.

## WADI HALFA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Pihe.
<b>1930</b>											
January	1002.6	13.2	22.7	6.6	49	6.9	0.4	—	—	0.8	6.61
February	0.3	16.2	26.6	8.7	34	5.7	0.3	—	—	1.2	9.64
March	998.3	19.7	30.6	11.6	28	5.7	0.8	—	—	0.9	11.59
April	95.2	25.4	36.5	16.5	21	6.1	0.4	—	—	1.0	16.29
May	95.1	30.1	40.6	21.7	18	7.2	0.9	—	—	1.0	20.29
June	93.0	32.3	41.8	24.3	19	8.7	0.5	—	—	1.2	22.07
July	91.8	32.2	42.3	23.5	22	9.9	0.2	—	—	0.6	18.41
August	92.2	32.0	41.0	25.1	26	11.7	0.3	—	—	1.3	17.75
September	94.2	30.8	39.6	24.3	28	11.2	0.5	—	—	1.7	18.99
October	96.7	27.2	37.1	20.0	30	9.9	0.3	—	—	1.1	15.36
November	1000.7	20.2	28.5	13.8	40	8.9	0.8	—	—	1.4	11.16
December	999.6	18.9	28.8	11.7	50	10.1	0.4	—	—	0.6	7.97
YEAR	996.6	24.8	34.7	17.3	30	8.5	0.5	—	—	1.1	14.68

Absolute Max. 48.0 °C.

Absolute Min. 3.0 °C.

Max. Rain in 1 day ... mms.

## PORT SUDAN.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 min. or over.	Mean.	
	(m.b.)				(%)		(0-10)			(0-12)	Picbs.
<b>1930</b>											
January	1014.7	21.4	26.1	17.3	59	15.6	2.5	0.0	0	3.2	8.90
February	13.5	23.0	27.3	19.2	71	20.3	3.3	Drops	0	2.9	7.12
March	11.6	23.8	28.8	18.9	68	20.8	1.6	0.0	0	2.6	8.54
April	10.0	26.7	32.0	21.7	69	25.1	0.7	Drops	0	2.6	10.48
May	9.8	29.4	36.4	22.9	47	20.0	1.3	Drops	0	2.5	15.61
June	5.9	32.6	40.3	26.0	44	22.7	0.8	Drops	0	2.5	17.02
July	5.2	33.8	42.0	27.6	44	24.7	1.4	Drops	0	2.6	16.32
August	5.0	34.6	42.1	29.6	44	25.1	1.8	Drops	0	2.4	15.36
September	7.9	32.0	38.9	26.8	53	25.8	0.8	0.0	0	2.1	11.90
October	11.0	29.2	33.7	25.0	68	28.1	1.5	21.2	2	2.5	7.74
November	12.7	27.7	31.4	24.5	67	25.1	3.7	6.4	2	3.3	8.22
December	13.1	25.7	29.9	21.9	67	22.2	2.9	Drops	0	2.7	7.84
YEAR	1010.0	28.3	34.1	23.4	58	23.0	1.9	27.6	4	2.7	11.25

Absolute Max. 46.6 °C.

Absolute Min. 13.9 °C.

Max. Rain in 1 day 14.6 mms.

## SUAKIN.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	S h.	Mean.	Mean Maximum.	Mean Minimum.	S h. (%)	S h. (m.b.)	S h. (0-10).	Total (mm.)	Days with 1 min. or over.	S h.	
	(m.b.)				(%)		(0-10)			(0-12)	Picbs.
<b>1930</b>											
January	1015.6	21.4	25.5	17.3	55	14.8	4.1	Drops	0	3.3	6.27
February	14.2	22.0	26.4	17.6	63	18.8	5.0	Drops	0	2.8	5.29
March	13.9	23.4	28.0	18.7	66	20.8	6.8	0.0	0	2.3	5.63
April	10.8	—	30.6	—	55	20.8	1.5	0.0	0	2.0	5.88
May	10.3	—	34.9	—	32	15.6	2.3	0.0	0	2.1	9.02
June	—	33.1	39.5	26.7	23	14.0	2.1	0.0	0	3.1	10.36
July	—	—	—	27.0	25	16.9	2.2	0.0	0	5.1	11.69
August	—	35.7	42.5	28.9	31	18.8	4.1	Drops	0	4.2	11.00
September	8.7	32.0	37.6	26.3	38	20.5	3.4	0.0	0	1.5	7.52
October	12.4	28.8	32.7	24.9	66	28.8	4.5	19.6	2	1.9	4.77
November	14.3	27.7	31.4	24.0	69	26.0	1.3	23.5	5	3.0	4.71
December	14.7	25.4	28.7	22.0	65	22.1	0.7	0.3	0	1.7	3.82
YEAR	—	—	—	—	49	19.8	3.2	43.4	7	2.8	7.16

Absolute Max. 46.0 °C.

Absolute Min. 16.0 °C.

Max. Rain in 1 day 11.2 mms.

## GEBEIT.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
<b>1930</b>											
January	—	—	25.5	—	—	—	—	0.0	0	—	4.97
February	—	—	25.9	—	—	—	—	0.0	0	—	5.21
March	—	—	28.6	—	—	—	—	0.0	0	—	6.97
April	—	—	30.7	—	—	—	—	3.0	2	—	9.75
May	—	—	37.7	—	—	—	—	0.0	0	—	15.87
June	—	—	—	—	—	—	—	—	—	—	—
July	—	—	40.2	—	—	—	—	0.0	0	—	17.65
August	—	—	38.3	—	—	—	—	55.0	8	—	10.69
September	—	—	38.8	—	—	—	—	1.0	1	—	12.37
October	—	—	32.3	—	—	—	—	18.0	1	—	8.00
November	—	—	28.8	—	—	—	—	0.0	0	—	6.15
December	—	—	27.1	—	—	—	—	0.0	0	—	5.21
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ..... °C.

Absolute Min. ..... °C.

Max. Rain in 1 day ..... mms.

## MEROWE.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10).	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
	(m.b.)										
<b>1930</b>											
January	986.3	16.7	26.6	9.9	34	5.9	0.9	0.0	0	1.9	10.10
February	83.6	21.4	32.3	13.5	23	5.5	0.3	0.0	0	2.0	13.55
March	82.4	23.7	34.7	15.6	21	4.7	0.6	0.0	0	2.1	16.36
April	80.0	29.0	39.7	20.2	12	4.3	0.3	0.0	0	1.9	19.84
May	79.6	34.0	44.1	25.3	16	7.6	0.5	0.0	0	2.1	23.21
June	78.0	35.2	44.8	27.1	16	8.4	0.5	10.0	1	2.2	—
July	78.4	34.7	44.0	26.9	26	13.3	0.6	0.0	0	2.0	17.83
August	78.3	34.5	43.7	27.0	24	12.7	1.1	5.0	1	2.2	18.08
September	78.6	35.0	44.6	27.5	30	15.1	0.8	0.0	0	2.2	21.63
October	80.0	32.2	41.6	24.1	21	9.3	0.1	0.0	0	2.2	21.75
November	83.9	25.3	35.2	17.5	27	8.8	0.2	0.0	0	2.2	13.73
December	84.0	23.2	33.5	15.1	33	9.1	0.1	0.0	0	2.0	11.67
YEAR	981.1	28.7	38.7	20.8	24	8.7	0.5	15.0	2	2.1	—

Absolute Max. 48.0 °C.

Absolute Min. 6.5 °C.

Max. Rain in 1 day 10.0 mms.

**TOKAR.**

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	8 h.	Mean.	Mean Maximum	Mean Minimum	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1930</b>											
January	—	22.2	27.5	16.8	—	—	5.9	4.0	1	2.4	8.07
February	—	24.5	28.9	20.1	69	20.4	6.8	Drops	0	2.2	7.75
March	—	25.3	30.5	20.1	65	20.9	6.1	Drops	0	1.5	7.95
April	—	28.5	34.0	23.0	62	24.7	5.3	0.0	0	1.2	10.26
May	—	31.4	39.0	23.8	55	25.7	3.6	0.0	0	1.3	15.86
June	—	34.4	43.3	25.5	41	23.1	4.3	0.0	0	2.8	—
July	—	42.7	—	47	26.4	2.4	5.5	1	6.4	—	—
August	—	42.4	—	62	31.8	2.3	21.5	2	5.5	—	—
September	—	34.0	41.3	26.8	56	29.1	3.5	0.0	0	2.1	13.89
October	—	30.7	36.0	23.4	66	30.7	7.4	2.6	1	1.4	11.01
November	—	28.6	33.6	23.7	67	27.5	6.2	6.5	1	1.9	12.40
December	—	26.3	31.2	21.4	66	22.8	3.8	1.6	1	2.8	12.45
YEAR	—	—	35.9	—	—	—	4.8	41.7	7	2.6	—

Absolute Max. 46.0 °C

Absolute Min. 11.5 °C.

Max. Rain in 1 day 15.5 mms.

**ATBARA.**

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum	Mean Minimum	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									(0-12)	
<b>1930</b>											
January	973.8	18.5	27.5	11.4	32	4.7	0.4	0.0	0	2.4	11.65
February	71.8	23.3	33.8	15.4	37	7.7	0.0	0.0	0	2.2	16.34
March	70.6	25.4	35.8	17.0	26	6.0	0.3	0.0	0	2.2	17.44
April	68.4	30.1	39.8	21.6	17	5.5	0.3	0.0	0	2.3	20.98
May	68.6	34.0	—	25.0	20	10.4	0.8	1.0	1	2.1	20.62
June	67.0	32.9	42.5	27.6	24	12.5	0.8	0.0	0	2.1	16.57
July	67.5	33.9	41.1	27.6	20	13.9	1.3	0.4	0	2.4	16.03
August	68.2	32.8	40.5	26.7	34	15.0	1.4	40.3	5	2.3	14.44
September	67.5	34.5	42.9	27.8	30	14.3	0.9	0.8	0	2.1	16.30
October	68.8	32.2	40.2	23.9	24	10.1	0.1	0.0	0	2.1	16.54
November	71.4	27.8	36.0	20.6	32	10.0	0.2	0.0	0	2.2	18.00
December	71.8	24.2	34.0	16.7	49	11.9	0.1	0.0	0	2.1	13.85
YEAR	969.6	29.3	—	21.8	39	10.2	0.6	42.5	6	2.2	16.56

Absolute Max. .... °C.

Absolute Min. 6.5 °C.

Max. Rain in 1 day 17.3 mms.

## ZEIDAB.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean. (0-12)	EVAPORATION mm. per day. Piche.
		Mean.	Mean Maximum.	Mean Minimum.				Total (mm.)	Days with 1 mm. or over.		
		(m.b.)									
<b>1930</b>											
January	—	18.2	—	—	68	14.1	—	0.0	0	—	—
February	—	22.8	34.0	—	—	—	—	0.0	0	—	13.52
March	—	25.2	36.3	—	—	—	—	0.0	0	—	16.45
April	—	29.8	40.2	—	22	8.3	—	0.0	0	—	18.82
May	—	33.6	43.7	—	18	8.8	—	0.0	0	—	19.02
June	—	34.6	43.6	—	—	—	—	0.0	0	—	17.73
July	—	32.8	42.0	—	40	19.8	—	15.3	1	—	—
August	—	31.8	40.9	—	—	—	—	48.9	4	—	13.27
September	—	33.8	42.5	—	36	18.2	—	2.3	2	—	14.33
October	—	31.0	40.1	—	—	—	—	0.0	0	—	15.85
November	—	27.0	35.7	—	66	23.2	—	0.0	0	—	14.64
December	—	23.4	33.8	—	—	—	—	0.0	0	—	11.95
YEAR	—	28.7	—	—	—	—	—	66.5	7	—	—

Absolute Max. 46.0 °C.

Absolute Min. ... °C.

Max. Rain in 1 day 23.0 mms.

## AROMA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		8 h.	Mean.	Mean Maximum.	Mean Minimum.			8 h.	Days with 1 mm. or over.		
		(m.b.)									
<b>1930</b>											
January	—	19.5	29.0	10.0	52	12.1	1.7	0.0	0	3.2	10.84
February	—	23.4	33.7	13.0	70	20.0	0.2	0.0	0	4.6	12.71
March	—	25.8	36.5	15.1	58	20.1	1.1	0.0	0	3.6	14.03
April	—	29.8	40.2	19.5	51	23.4	1.4	0.0	0	4.4	17.25
May	—	32.9	42.6	23.2	44	23.2	2.1	Drops	0	4.7	18.65
June	—	31.9	39.6	24.2	60	26.7	3.2	18.5	2	5.6	17.10
July	—	30.1	37.1	23.1	71	28.3	3.2	41.0	3	5.4	13.44
August	—	29.2	36.4	21.9	74	27.4	3.7	109.0	7	5.5	11.34
September	—	30.6	38.4	22.7	63	25.3	1.7	1.5	1	4.6	12.02
October	—	30.6	39.8	21.3	55	25.4	0.5	0.0	0	3.5	13.69
November	—	27.9	37.5	18.3	65	24.8	0.9	0.0	0	3.5	12.48
December	—	24.1	34.1	14.1	61	21.1	0.9	0.0	0	0.4	10.47
YEAR	—	28.0	37.1	18.9	60	23.2	1.7	170.0	13	4.1	13.67

Absolute Max. 47.5 °C.

Absolute Min. 5.2 °C.

Max. Rain in 1 day 81.0 mms.

## KHARTOUM (North).

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10).	RAINFALL		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.				8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	
<b>1930</b>											
January	—	19·6	28·3	10·9	32	5·7	1·2	0·0	0	3·1	13·81
February	—	24·4	34·2	14·6	29	7·2	0·4	0·0	0	3·1	17·55
March	—	25·9	36·2	15·6	24	6·5	1·1	Drops	0	2·3	19·07
April	—	29·0	39·2	18·9	23	8·4	1·1	0·0	0	2·2	20·44
May	—	33·4	42·8	24·0	30	14·1	1·3	Drops	0	2·0	20·23
June	—	33·2	40·6	25·9	46	19·6	1·6	0·0	0	2·3	17·81
July	—	31·6	37·9	25·2	57	22·7	3·5	8·0	2	2·1	13·81
August	—	30·4	36·6	24·1	66	24·3	3·2	210·4	8	1·9	11·15
September	—	31·6	38·5	24·6	54	22·1	2·8	30·0	1	2·5	11·43
October	—	31·6	40·3	22·8	32	13·6	1·2	Drops	0	2·1	16·66
November	—	27·7	35·6	19·8	26	8·3	1·0	Drops	0	3·4	17·35
December	—	24·6	34·2	15·1	39	9·9	1·3	0·0	0	2·5	15·32
YEAR	—	28·6	37·0	20·1	58	13·5	1·6	248·4	11	2·5	16·22

Absolute Max. 45·4 °C.

Absolute Min. 4·5 °C.

Max. Rain in 1 day 86·5 mms.

## KASSALA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10).	RAINFALL		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.				Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	
	(m.b.)										
<b>1930</b>											
January	955·5	20·2	31·7	12·7	52	10·9	—	0·0	0	1·6	9·87
February	52·6	25·8	37·1	17·6	50	15·0	—	0·0	0	1·4	11·91
March	51·8	27·8	38·8	18·2	57	12·8	—	0·0	0	1·2	13·08
April	50·4	31·2	40·7	23·0	36	16·3	—	0·0	0	1·0	15·80
May	—	33·0	42·2	25·8	48	24·4	—	1·5	1	0·9	17·32
June	—	30·2	39·2	24·4	60	24·4	—	20·7	4	1·3	11·40
July	—	28·6	—	23·2	60	23·2	—	37·6	6	1·2	9·51
August	53·1	28·9	35·5	22·3	—	—	—	133·2	0	1·1	7·24
September	52·8	30·6	37·9	23·4	—	—	—	17·8	3	0·9	8·93
October	52·2	31·1	40·2	23·6	43	19·0	—	0·0	0	0·9	13·05
November	—	29·6	38·0	21·2	—	—	—	0·0	0	0·5	13·00
December	53·2	27·6	36·2	18·9	—	—	—	0·0	0	0·8	11·29
YEAR	—	28·7	—	21·2	—	—	—	219·8	23	1·1	11·87

Absolute Max. 45·0 °C.

Absolute Min. 7·0 °C.

Max. Rain in 1 day 88·5 mms.

## GEBEL AULIA.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 min. or over.	Mean. (0-12)	Picke.
<b>1930</b>											
January	—	18.9	27.7	12.3	40	8.0	1.3	0.0	0	1.7	13.52
February	—	23.8	33.6	16.4	29	7.3	0.2	0.0	0	1.6	17.13
March	—	25.6	35.5	17.9	22	6.1	0.8	Drops	0	1.9	19.03
April	—	29.8	39.2	21.9	19	7.1	0.9	0.0	0	1.8	21.75
May	—	33.2	41.9	25.8	23	10.4	1.4	5.8	2	1.7	21.09
June	—	32.0	39.3	26.0	39	17.2	2.3	11.5	2	2.2	17.30
July	—	29.7	36.2	25.3	58	22.1	3.5	60.6	4	2.4	12.37
August	—	29.0	34.5	24.9	64	24.0	3.1	101.1	6	1.9	10.07
September	—	31.7	38.4	26.7	48	20.5	2.0	7.7	2	1.5	13.24
October	—	31.4	35.4	24.8	35	14.0	1.4	Drops	0	1.4	17.05
November	—	26.6	34.8	20.5	36	11.3	0.5	0.0	0	2.0	16.53
December	—	24.0	33.6	17.1	39	10.1	0.4	0.0	0	1.5	14.71
YEARS	—	28.0	36.2	21.6	38	13.2	1.5	186.7	16	1.8	16.22

Absolute Max. 44.9 °C.

Absolute Min. 8.0 °C.

Max. Rain in 1 day 34.7 mms.

## WAD TURABI.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Picke.
	(m.b.)										
<b>1930</b>											
January	—	—	—	—	—	—	—	—	—	—	—
February	—	—	35.9	—	—	—	0.0	0.0	0	2.3	19.74
March	—	—	—	—	—	—	—	—	—	—	—
April	—	29.9	40.6	19.2	30	12.9	1.7	0.0	0	2.5	24.27
May	—	33.2	42.6	23.7	37	16.4	2.7	1.0	1	2.9	23.00
June	—	31.8	39.6	24.0	45	19.5	3.2	38.5	5	4.3	20.08
July	—	29.8	35.9	23.8	65	23.9	6.3	30.0	6	3.3	13.81
August	—	—	37.0	—	67	24.5	4.9	106.1	11	3.1	11.50
September	—	30.8	38.9	22.6	58	21.7	3.9	26.3	3	3.2	13.21
October	—	30.8	40.0	21.5	35	15.2	0.5	0.0	0	2.3	17.52
November	—	27.0	35.9	18.1	43	16.1	0.4	0.0	0	3.2	18.19
December	—	22.4	32.4	12.3	32	9.9	0.3	0.0	0	2.8	15.41
YEARS	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 45.0 °C.

Absolute Min. 8.0 °C.

Max. Rain in 1 day 21.5 mms.

## WAD SHAIR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		8 h. (m.b.)	Mean. Max.	Mean Minimum.				8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	
<b>1930</b>											
January ...	—	—	29·7	—	44	7·6	2·2	0·0	0	2·8	11·99
February ...	—	—	35·4	—	35	8·4	0·2	0·0	0	3·1	16·05
March ...	—	24·8	36·1	13·6	28	7·7	1·4	0·0	0	3·2	17·65
April ...	—	29·5	39·7	19·3	29	11·6	1·0	Drops	0	4·1	19·23
May ...	—	34·1	40·5	23·7	44	19·0	2·8	1·5	1	4·1	21·13
June ...	—	30·4	37·7	23·1	65	24·9	4·6	44·7	5	5·4	17·38
July ...	—	28·6	34·7	22·5	—	—	5·3	58·6	9	4·5	13·32
August ...	—	28·3	34·6	22·0	—	—	4·9	103·6	10	2·0	11·51
September ...	—	29·6	37·0	22·1	66	24·8	3·0	34·3	3	2·6	12·89
October ...	—	28·8	38·3	19·2	48	18·4	0·9	2·5	1	1·5	12·79
November ...	—	25·4	35·2	13·5	42	12·9	0·5	0·0	0	1·5	12·52
December ...	—	22·0	33·7	10·3	51	12·8	0·0	0·0	0	1·5	11·43
YEAR ...	—	—	36·0	—	—	—	2·2	245·2	29	3·1	14·70

Absolute Max. 45·0 °C.

Absolute Min. .... °C.

Max. Rain in 1 day 33·0 mms.

## TAYIBA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		8 h. (m.b.)	Mean. Max.	Mean Minimum.				8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	
<b>1930</b>											
January ...	—	10·8	29·8	9·8	46	9·9	—	0·0	0	—	—
February ...	—	24·5	36·2	12·8	44	12·5	—	0·0	0	—	—
March ...	—	—	38·5	—	26	8·8	—	0·0	0	—	—
April ...	—	—	40·9	—	23	8·7	—	0·0	0	—	—
May ...	—	—	41·7	—	30	13·7	—	0·2	3	—	—
June ...	—	—	39·1	—	—	—	—	71·0	6	—	—
July ...	—	—	36·8	—	70	24·5	—	149·3	9	—	—
August ...	—	27·8	33·7	21·9	79	26·7	—	124·2	9	—	—
September ...	—	28·4	36·8	20·1	—	—	—	47·0	5	—	—
October ...	—	29·3	39·1	19·5	—	—	—	16·2	3	—	—
November ...	—	25·8	35·6	16·1	—	—	—	0·0	0	—	—
December ...	—	23·8	32·8	14·7	—	—	—	0·0	0	—	—
YEAR ...	—	—	36·8	—	—	—	—	416·9	35	—	—

Absolute Max. 45·0 °C.

Absolute Min. 0·1 °C.

Max. Rain in 1 day 63·0 mms.

## WAD MEDANI (Hospital).

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)				(%)		(0-10)			(0-12)	Ptche.
<b>1930</b>											
January	966.4	21.7	30.8	13.4	34	7.2	1.8	0.0	0	2.1	12.51
February	63.6	26.5	36.1	17.4	39	12.3	0.8	0.0	0	2.0	13.66
March	63.1	28.3	38.3	17.9	36	14.4	1.8	0.0	0	2.0	13.38
April	61.2	32.4	41.3	22.4	16	7.7	2.3	0.0	0	2.0	14.27
May	62.2	34.0	41.9	25.6	24	12.5	4.2	1.8	1	2.3	13.15
June	63.2	29.8	38.0	22.4	45	17.6	5.5	86.6	8	2.4	11.54
July	63.9	28.8	35.6	22.1	54	20.8	4.0	145.8	9	2.2	—
August	63.8	28.0	35.0	21.9	62	22.7	1.9	199.5	9	2.4	8.08
September	64.0	29.6	37.5	22.8	52	20.9	2.2	36.4	4	1.9	8.25
October	63.0	32.0	40.3	22.0	37	16.8	1.0	8.0	1	2.0	11.68
November	64.8	29.8	38.1	18.6	21	7.9	0.8	0.0	0	2.1	10.93
December	65.1	27.5	35.9	—	20	6.4	0.7	0.0	0	2.1	11.96
YEAR	963.7	29.0	37.5	—	37	13.9	2.2	478.1	32	2.1	—

Absolute Max. 44.5 °C.

Absolute Min. 9.5 °C.

Max. Rain in 1 day 40.0 mms.

## WAD MEDANI (Research Farm).

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)				(%)		(0-10)			(0-12)	Ptche.
<b>1930</b>											
January	966.4	20.2	30.1	12.1	27	6.0	0.5	0.0	0	0.9	11.87
February	63.6	25.0	36.0	16.0	23	6.9	0.1	0.0	0	0.8	15.74
March	63.1	26.4	37.5	16.2	15	4.8	0.4	Drops	0	1.1	17.51
April	61.2	30.2	40.0	21.2	18	7.1	1.0	0.0	0	0.9	18.32
May	62.2	32.4	41.1	24.8	30	13.2	2.3	0.8	0	1.5	18.23
June	62.7	29.3	38.3	22.6	50	18.8	3.4	82.8	9	2.0	12.86
July	63.9	27.5	35.4	22.1	66	21.8	4.4	113.9	9	1.8	7.34
August	63.8	27.0	34.6	22.2	70	23.5	3.9	150.0	10	1.6	6.20
September	63.5	28.4	36.9	22.0	62	22.8	1.9	46.6	3	1.1	6.84
October	62.4	29.0	39.0	21.0	44	15.8	1.2	8.0	1	1.3	10.73
November	64.4	26.8	36.6	18.6	36	11.5	0.3	0.0	0	1.3	13.67
December	64.4	24.5	35.5	16.0	35	9.5	0.2	0.0	0	1.1	13.01
YEAR	963.5	27.2	36.8	19.6	40	13.5	1.6	402.1	32	1.3	12.69

Absolute Max. 43.5 °C.

Absolute Min. 8.0 °C.

Max. Rain in 1 day 48.0 mms.

## EL DUEIM.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean (0-12)	Picke.
	(m.b.)										
<b>1930</b>											
January ...	971.1	19.4	29.6	13.2	25	5.6	0.6	0.0	0	2.9	12.36
February ...	68.4	24.1	35.9	16.8	18	5.3	0.0	0.0	0	3.2	15.10
March ...	67.5	25.8	37.7	17.7	12	3.7	0.2	0.0	0	2.6	16.77
April ...	65.6	30.0	40.4	22.2	14	5.9	0.6	0.0	0	2.0	16.86
May ...	66.4	32.2	41.4	25.2	26	12.0	1.3	17.1	2	2.1	13.65
June ...	67.1	29.2	37.7	24.0	53	21.1	2.2	28.0	3	2.4	9.24
July ...	67.8	28.0	35.5	23.8	64	24.1	3.8	60.0	6	1.8	6.56
August ...	67.6	27.3	34.7	22.8	68	24.3	5.2	144.7	11	1.8	5.42
September ...	67.2	28.8	38.0	23.3	61	23.8	4.2	71.7	6	2.0	6.62
October ...	66.3	30.2	39.7	23.3	36	15.8	1.6	7.1	2	2.0	11.30
November ...	68.8	27.4	36.6	20.9	26	9.3	0.3	0.0	0	2.8	14.83
December ...	68.4	25.0	35.8	17.6	24	7.5	0.2	0.0	0	2.2	13.46
YEAR ...	967.7	27.3	36.9	20.9	36	13.2	1.7	328.6	30	2.3	11.85

Absolute Max. 45.0 °C.

Absolute Min. 9.0 °C.

Max. Rain in 1 day 42.0 mms.

## HAG ABDULLA.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10)	Total (mm.)	Days with 1 mm. or over.	8 (0-12)	Picke.
	(m.b.)										
<b>1930</b>											
January ...	—	—	—	—	—	—	—	—	—	—	—
February ...	—	—	—	—	—	—	0.3	0.0	0	2.1	16.79
March ...	—	—	—	—	—	—	0.7	0.0	0	1.3	19.61
April ...	—	—	—	19.9	19	7.5	1.3	0.0	0	2.2	20.37
May ...	—	32.4	41.1	23.7	36	16.4	2.5	7.0	1	2.1	19.41
June ...	—	30.0	37.4	22.6	60	21.3	4.0	83.3	10	2.2	13.35
July ...	—	28.0	34.3	21.6	74	23.9	5.4	163.7	8	1.7	9.35
August ...	—	27.8	34.0	21.6	77	24.3	5.5	179.9	7	1.2	7.09
September ...	—	29.0	36.2	21.8	67	23.6	1.9	39.5	2	1.1	7.46
October ...	—	30.0	38.9	21.0	50	19.4	0.1	16.3	3	1.3	10.27
November ...	—	26.9	36.6	17.2	—	—	0.0	0.0	0	1.6	14.20
December ...	—	24.8	35.1	14.5	37	9.9	0.0	0.0	0	1.2	13.17
YEAR ...	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. ... °C.

Absolute Min. ... °C.

Max. Rain in 1 day 75.5 mms.

## EL FASHER.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. (%)	VAPOUR PRESSURE (m.b.)	CLOUD AMOUNT. (0-10)	RAINFALL		WIND FORCE. Mean. (0-12)	EVAPORATION mm. per day. Pitch.		
	Mean.	Mean.	Mean Maximum.	Mean Minimum.									
	(m.b.)							Total (mm.)	Days with 1 mm. or over.				
<b>1930</b>													
January	929.4	16.3	29.6	6.9	32	6.1	0.4	0.0	0	1.1	7.84		
February	27.5	20.6	35.4	10.2	19	3.9	0.2	0.0	0	1.1	10.05		
March	26.8	22.4	36.2	12.0	20	4.3	0.6	1.0	1	1.2	10.84		
April	25.4	26.3	39.2	16.5	21	7.1	1.2	6.1	2	1.5	12.32		
May	26.4	28.5	40.5	19.0	25	8.7	1.2	18.2	2	1.8	13.19		
June	26.0	28.1	38.3	21.3	46	14.8	2.3	69.0	7	1.8	10.22		
July	26.7	25.8	34.0	20.8	68	20.4	3.1	277.2	9	1.4	5.56		
August	26.6	25.4	33.9	20.2	70	20.7	2.9	101.4	12	1.4	5.05		
September	26.7	27.3	37.8	19.5	49	15.5	2.0	3.8	2	1.5	8.86		
October	26.7	26.7	38.5	17.3	30	8.8	1.4	1.0	1	1.4	11.78		
November	28.8	22.0	34.0	11.0	24	5.7	0.5	0.0	0	1.3	10.26		
December	28.0	20.0	33.0	9.1	26	5.5	0.5	0.0	0	1.3	9.29		
YEAR	627.1	24.1	36.0	15.3	36	10.1	1.4	477.7	36	1.4	9.60		

Absolute Max. 43.5 °C.

Absolute Min. 3.0 °C.

Max. Rain in 1 day 70.2 mms.

## MAKWAR.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE 8 h. (m.b.)	CLOUD AMOUNT. 8 h. (0-10)	RAINFALL		WIND VELOCITY. 8 h. Kms. per hour.	EVAPORATION mm. per day. Pitch.		
	8 h.	Mean.	Mean Maximum.	Mean Minimum.									
	(m.b.)							Total (mm.)	Days with 1 mm. or over.				
<b>1930</b>													
January	966.4	21.4	39.7	12.2	43	8.9	0.0	0.0	0	13.7	14.85		
February	64.0	26.3	37.0	15.6	50	15.8	0.0	0.0	0	10.2	18.48		
March	63.4	27.8	38.7	16.8	38	12.0	0.5	Drops	0	15.3	20.92		
April	61.9	31.2	41.0	21.5	39	17.3	1.3	Drops	0	14.2	21.12		
May	63.4	32.7	41.4	24.0	52	23.5	2.8	29.7	7	16.7	17.82		
June	63.8	29.6	37.2	21.9	72	25.2	4.4	173.3	10	15.1	12.40		
July	64.4	28.0	34.3	21.7	75	24.4	6.8	46.3	7	13.4	9.06		
August	64.2	28.0	34.3	21.6	82	25.7	6.5	151.7	11	11.4	7.89		
September	63.4	29.3	36.6	22.0	71	25.4	3.1	16.5	3	10.9	8.81		
October	62.8	30.0	38.7	21.2	56	21.4	0.3	20.0	4	9.2	12.14		
November	64.6	28.6	37.8	19.5	61	20.7	0.0	0.0	0	15.1	18.13		
December	64.3	26.6	36.9	16.2	51	14.3	0.2	0.0	0	13.1	15.76		
YEAR	963.9	28.3	37.0	19.5	58	19.6	2.2	437.5	42	13.2	14.78		

Absolute Max. 41.0 °C.

Absolute Min. 8.0 °C.

Max. Rain in 1 day 52.0 mms.

## EL OBEID.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									(0-12)	Picke.
<b>1930</b>											
January	949.1	17.9	27.9	8.8	27	6.3	2.0	0.0	0	2.5	9.55
February	47.1	22.6	33.8	12.9	20	6.5	0.7	0.0	0	2.3	13.02
March	46.6	23.9	35.5	14.1	28	9.1	1.6	Drops	0	2.5	13.58
April	45.2	28.6	38.8	19.2	16	7.2	2.3	0.0	0	2.3	15.43
May	46.0	30.4	39.5	22.4	32	13.6	3.8	41.5	2	2.4	13.64
June	46.6	27.7	35.5	21.7	52	19.1	5.5	91.9	5	2.4	9.32
July	47.1	26.4	33.7	21.0	70	22.5	6.5	118.6	10	2.3	5.95
August	47.0	25.5	32.9	20.2	76	24.3	6.7	163.0	12	2.1	4.96
September	46.3	27.9	36.3	20.7	59	21.7	5.0	11.3	5	2.2	7.09
October	45.9	28.4	37.3	19.8	36	13.3	3.4	16.0	2	2.2	11.86
November	48.0	23.6	33.9	12.2	28	9.2	0.8	0.0	0	2.4	12.61
December	47.6	22.1	33.0	11.6	28	7.7	1.0	0.0	0	2.7	11.85
YEAR	946.9	25.4	34.8	17.0	30	13.4	3.3	442.3	36	2.4	10.74

Absolute Max. 43.4 °C.

Absolute Min. 5.3 °C.

Max. Rain in 1 day 17.5 mms.

## SINGA.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	s. h.	Mean.	Mean Maximum.	Mean Minimum.	s. h.	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	
	(m.b.)				(%)					(0-12)	Picke.
<b>1930</b>											
January	—	23.0	31.7	14.2	45	9.7	2.2	0.0	0	4.1	13.17
February	—	27.5	38.0	17.0	31	9.2	0.8	0.0	0	3.8	16.11
March	—	28.4	39.1	17.8	22	7.2	2.3	0.0	0	4.2	17.84
April	—	31.9	40.9	22.9	33	14.3	2.7	0.0	0	4.0	17.16
May	—	32.2	39.9	24.6	44	19.6	3.2	23.6	4	4.3	13.39
June	—	28.6	35.4	21.8	65	21.8	4.3	132.4	12	4.0	8.08
July	—	27.4	32.9	22.0	71	22.1	5.7	137.4	11	3.5	5.87
August	—	27.0	32.4	21.6	76	23.5	5.4	220.8	13	3.0	4.51
September	—	28.9	36.0	21.8	68	23.6	4.2	8.0	1	3.0	6.24
October	—	30.2	38.8	21.5	60	22.5	2.4	0.0	0	2.8	10.07
November	—	28.6	37.9	19.4	36	13.1	0.1	0.0	0	3.5	14.11
December	—	27.1	37.0	17.2	38	11.3	0.1	0.0	0	2.4	13.27
YEAR	—	28.4	36.7	20.2	49	16.5	2.8	522.2	41	3.6	11.65

Absolute Max. 41.0 °C.

Absolute Min. 9.0 °C.

Max. Rain in 1 day 45.0 mms.

**GALLABAT.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE. Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
		Mean. (m.b.)	Mean.	Mean Maximum.				Total (mm.)	Days with 1 mm. or over.		
		Mean.	Mean.	Mean Maximum.				Mean (0-10)	Mean (0-12)		
<b>1930</b>											
January	... ... ... ...	929.6	23.1	33.6	14.7	36	10.3	0.4	Drops	0	1.0
February	... ... ... ...	28.0	27.9	38.0	18.2	30	10.7	0.2	0.0	0	1.2
March	... ... ... ...	27.1	29.4	38.7	19.6	25	10.1	0.2	0.0	0	1.4
April	... ... ... ...	27.2	30.6	38.8	21.8	38	18.7	1.3	13.0	5	1.4
May	... ... ... ...	28.6	29.2	38.0	—	55	22.2	3.9	61.0	10	1.6
June	... ... ... ...	29.8	25.0	32.3	—	68	21.3	5.0	278.3	14	2.1
July	... ... ... ...	30.7	23.2	—	—	82	23.0	6.7	233.4	21	1.8
August	... ... ... ...	30.8	23.0	29.6	—	83	22.8	6.8	142.7	20	1.5
September	... ... ... ...	29.9	23.4	32.3	—	80	23.2	5.5	192.3	16	1.2
October	... ... ... ...	29.0	26.6	35.1	21.3	61	18.5	3.3	0.0	0	1.3
November	... ... ... ...	29.2	27.6	—	20.7	44	14.1	0.5	0.0	0	1.6
December	... ... ... ...	29.0	26.7	36.7	20.4	34	10.1	1.0	3.7	1	1.6
YEAR	...	929.1	26.3	—	—	53	17.1	2.9	924.4	87	1.5
Absolute Max.	41.0 °C.	Absolute Min.	10.0 °C.	Max. Rain in 1 day 73.2 mms.							

**ROSEIRES.**

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. Mean (%)	VAPOUR PRESSURE Mean (m.b.)	CLOUD AMOUNT. Mean (0-10)	RAINFALL.		WIND FORCE. Mean (0-12)	EVAPORATION mm. per day. Piche.
		Mean. (m.b.)	Mean.	Mean Maximum.				Mean (0-10)	Mean (0-12)		
		Mean.	Mean.	Mean Maximum.				Mean (0-10)	Mean (0-12)		
<b>1930</b>											
January	... ... ... ...	959.8	23.2	34.3	14.0	48	13.3	0.4	0.0	0	0.4
February	... ... ... ...	57.2	26.8	30.0	15.4	40	14.4	0.2	0.0	0	0.6
March	... ... ... ...	56.4	26.7	40.0	19.4	38	14.7	0.2	0.0	0	0.6
April	... ... ... ...	55.6	31.2	40.4	23.3	50	22.2	1.1	18.5	3	0.4
May	... ... ... ...	57.6	29.8	39.2	23.7	55	23.0	2.6	57.0	6	0.5
June	... ... ... ...	58.6	26.4	34.5	21.7	68	23.2	3.8	146.5	13	0.3
July	... ... ... ...	59.4	24.7	31.1	21.1	80	24.5	4.2	215.5	13	0.4
August	... ... ... ...	59.1	24.8	32.2	21.0	82	25.2	3.2	146.5	12	0.6
September	... ... ... ...	58.8	25.4	34.4	21.2	80	25.6	2.4	92.0	9	0.6
October	... ... ... ...	—	—	—	—	—	—	—	—	—	—
November	... ... ... ...	—	28.2	—	19.9	44	17.1	0.2	0.0	0	0.9
December	... ... ... ...	57.9	26.2	—	17.0	35	12.0	0.2	Drops	0	0.7
YEAR	...	—	—	—	—	—	—	—	—	—	—

Absolute Max. 44.0 °C.

Absolute Min. 9.5 °C.

Max. Rain in 1 day 58.0 mms.

## MALAKAL.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Picke.
	(m.b.)									Kms. per hour.	
<b>1930</b>											
January	966.0	23.6	33.7	16.2	26	6.9	1.3	0.0	0	6.0	15.93
February	944.0	27.0	37.9	19.1	24	7.9	1.1	0.0	0	4.0	16.76
March	932.0	28.3	38.6	20.2	20	7.6	1.7	5.0	1	3.7	16.47
April	938.8	29.2	37.9	22.9	50	18.2	2.9	35.2	3	4.9	10.11
May	951.9	28.4	36.1	23.0	63	22.7	4.3	62.0	7	4.8	7.36
June	970.0	25.5	32.4	21.4	78	23.9	6.2	99.2	8	4.3	4.12
July	975.5	25.7	32.4	21.9	78	24.0	6.8	92.5	9	3.5	4.25
August	967.7	25.5	32.7	21.8	81	24.8	6.4	169.5	12	3.4	3.75
September	962.2	26.5	34.1	21.7	70	25.3	5.5	70.4	11	2.8	3.82
October	954.4	26.9	35.5	21.6	75	23.8	4.0	75.7	9	3.0	4.84
November	954.4	27.6	37.1	19.9	59	13.1	1.6	19.8	3	5.1	12.88
December	947.7	27.4	37.5	19.5	29	9.5	0.8	Drops	0	5.7	15.57
YEAR	965.5	26.8	35.5	20.8	54	17.3	3.6	629.3	63	4.3	9.66

Absolute Max. 41.2°C.

Absolute Min. 13.8 °C.

Max. Rain in 1 day 81.0 mmns.

## HILLET DOLEIB.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (1-12)	Picke.
	(m.b.)										
<b>1930</b>											
January	—	25.0	34.1	16.0	20	5.3	2.4	0.0	0	4.1	—
February	—	28.6	38.3	19.0	16	5.5	2.1	0.0	0	2.4	—
March	—	29.7	39.1	20.3	18	6.7	2.9	36.0	2	2.5	—
April	—	30.2	38.2	22.3	57	21.1	2.8	80.9	4	1.7	—
May	—	29.8	37.0	22.5	64	24.4	4.1	118.2	9	1.2	—
June	—	27.2	33.1	21.2	78	24.7	8.0	112.3	5	1.4	—
July	—	27.8	33.8	21.7	80	24.9	8.3	78.9	6	0.9	—
August	—	27.6	33.7	21.4	80	25.8	6.0	156.2	12	1.3	—
September	—	28.4	35.2	21.5	76	26.5	3.7	155.7	10	1.6	—
October	—	28.4	35.0	21.0	72	25.7	4.7	70.7	6	1.0	—
November	—	28.4	37.5	19.4	39	14.3	2.4	4.2	1	2.4	—
December	—	28.5	37.8	19.2	22	8.4	1.3	0.1	0	3.0	—
YEAR	—	28.3	36.1	20.5	52	17.7	4.1	813.2	55	2.0	—

Absolute Max. 42.0 °C.

Absolute Min. 13.5 °C.

Max. Rain in 1 day 53.4 mmns.

## KAFIAKINGI.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 min. or over	Mean.	
	(m.b.)									(0-12)	Pitch.
<b>1930</b>											
January	—	—	—	—	—	—	—	0.1	0.0	0	3.0
February	—	—	—	—	—	—	—	0.0	0.0	0	2.6
March	—	—	—	—	—	—	—	0.0	0.0	0	2.2
April	—	—	—	—	—	—	—	0.7	54.2	7	2.0
May	—	—	—	—	—	—	—	0.4	85.6	9	1.0
June	—	—	—	—	—	—	—	0.8	98.2	10	1.3
July	—	—	—	—	—	—	—	1.3	190.1	15	1.4
August	—	—	—	—	—	—	—	0.7	127.0	12	1.4
September	—	—	—	—	—	—	—	1.2	172.6	14	1.6
October	—	—	—	—	—	—	—	0.7	26.1	3	1.5
November	—	—	—	—	—	—	—	0.0	0.0	0	1.6
December	—	—	—	—	—	—	—	0.0	0.0	0	1.6
YEAR	—	—	—	—	—	—	—	0.5	753.8	70	1.8

Absolute Max. .... °C

Absolute Min. .... °C.

Max. Rain in 1 day 59.9 mms.

## RAGA.

YEAR	PRESSURE	AIR TEMPERATURE (CENTIGRADE)			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND FORCE	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 min. or over	Mean.	
	(m.b.)									(0-12)	Pitch.
<b>1930</b>											
January	—	19.6	35.0	11.4	76	20.7	3.6	0.0	0	1.6	6.80
February	—	21.8	38.7	12.7	58	14.8	3.7	0.0	0	1.5	7.99
March	—	24.0	36.1	15.5	49	15.4	3.6	16.0	1	2.2	8.08
April	—	24.7	35.6	19.9	78	22.4	4.5	158.5	8	2.0	4.23
May	—	25.4	35.4	20.9	78	25.2	5.1	156.0	8	1.7	3.20
June	—	24.0	33.3	19.7	81	25.2	5.9	195.1	15	1.6	2.29
July	—	23.8	32.7	20.3	84	24.9	5.6	317.0	16	1.6	1.85
August	—	23.5	32.7	19.8	86	24.7	5.0	173.5	15	1.9	2.31
September	—	23.9	33.7	19.4	84	24.8	5.1	220.9	13	2.0	2.45
October	—	24.0	34.2	19.3	86	24.3	4.6	93.0	10	2.1	3.25
November	—	22.2	35.5	15.3	70	16.8	2.1	3.4	1	2.3	7.23
December	—	21.2	36.5	13.6	63	13.6	2.6	0.0	0	2.6	8.51
YEAR	—	23.2	35.2	17.3	74	21.1	4.3	1335.5	87	1.9	4.85

Absolute Max. 43.3 °C.

Absolute Min. 8.7 °C.

Max. Rain in 1 day 100.2 mms.

**BARO-PIBOR.**

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND VELOCITY	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean.	
	(m.b.)									Kms per hour.	Ptche.
<b>1930</b>											
January	—	22.3	31.9	15.8	56	13.9	1.7	0.0	0	8.3	8.25
February	—	25.6	36.7	18.1	49	14.3	1.4	Drops	0	7.1	12.14
March	—	27.1	37.8	18.9	40	12.9	1.5	6.0	1	6.1	15.10
April	—	26.0	34.0	20.0	67	21.1	4.7	56.5	6	8.2	8.63
May	—	26.1	33.7	21.2	74	23.0	4.9	26.5	5	8.6	7.87
June	—	24.2	30.4	20.5	84	24.7	7.2	170.2	13	5.0	3.91
July	—	24.5	30.7	20.3	84	24.3	8.2	92.9	7	4.2	3.68
August	—	24.5	31.1	20.7	86	25.1	6.4	175.1	9	3.9	3.32
September	—	25.5	31.9	21.4	86	26.2	6.2	162.8	8	3.8	3.40
October	—	25.8	32.5	21.7	82	25.1	5.4	8.5	3	2.7	4.06
November	—	25.9	34.4	20.6	79	22.8	3.1	Drops	0	3.7	5.64
December	—	25.2	35.2	18.0	62	17.7	1.8	Drops	0	4.9	8.84
YEAR	—	25.2	33.4	16.9	79	20.9	4.4	608.8	52	5.5	7.07

Absolute Max. 40.0 °C.

Absolute Min. 11.0 °C.

Max. Rain in 1 day 82.7 mms.

**GAMBELA.**

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY	VAPOUR PRESSURE	CLOUD AMOUNT	RAINFALL		WIND VELOCITY	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-19)	Total (mm.)	Days with 1 mm. or over.	8 h.	
	(m.b.)									(0-12)	Ptche.
<b>1930</b>											
January	—	26.6	34.0	18.2	78	22.4	0.8	0.0	0	1.9	7.18
February	—	28.4	36.8	19.9	—	—	1.6	16.1	4	2.4	8.69
March	—	29.3	37.7	20.0	—	—	1.0	12.8	2	1.6	9.17
April	—	27.2	33.1	21.4	76	25.2	4.5	146.5	11	2.5	4.29
May	—	27.0	33.0	21.1	80	26.1	4.4	101.3	15	3.0	3.74
June	—	25.8	31.1	20.4	88	26.4	6.2	101.0	14	3.3	2.56
July	—	25.5	30.6	20.4	86	25.0	5.5	220.5	14	2.5	2.55
August	—	25.4	30.6	20.2	87	25.2	6.2	165.6	15	2.6	2.41
September	—	26.2	32.0	20.4	86	25.6	4.9	125.0	11	3.1	2.96
October	—	—	—	19.9	79	25.1	3.4	168.4	13	2.0	3.42
November	—	—	—	19.6	66	22.5	2.6	23.8	2	0.6	4.85
December	—	—	—	19.7	67	22.0	2.6	56.6	4	0.9	6.21
YEAR	—	—	—	20.2	—	—	3.6	1138.2	105	2.2	4.84

Absolute Max. 40.0 °C.

Absolute Min. 14.0 °C.

Max. Rain in 1 day 91.2 mms.

## ZERAF CUT.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL		WIND VELOCITY.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. Kms. per hour.	Plebe.
<b>1930</b>											
January	—	20.8	31.2	14.6	76	17.3	2.3	0.0	0	2.1	3.21
February	—	23.2	34.0	16.9	78	19.9	3.3	Drops	0	2.1	3.50
March	—	23.0	34.0	17.2	82	21.2	5.1	40.0	3	2.1	3.40
April	—	25.4	33.6	20.8	81	24.5	5.3	18.8	5	3.0	3.60
May	—	25.0	33.7	21.5	82	25.4	4.4	52.9	7	2.8	3.99
June	—	24.0	30.9	20.5	88	25.4	6.3	180.7	11	1.6	2.27
July	—	24.7	31.3	21.4	89	25.7	5.7	173.1	6	1.0	2.47
August	—	24.8	31.5	21.6	88	25.8	6.1	69.3	8	0.8	2.21
September	—	25.6	32.7	21.4	86	26.7	5.2	113.4	7	0.8	2.47
October	—	25.0	31.9	19.8	86	26.7	4.7	74.3	10	2.3	2.39
November	—	25.3	33.6	19.5	82	24.4	2.5	13.6	2	1.1	3.23
December	—	24.6	34.2	18.6	74	20.5	0.7	Drops	0	1.5	4.04
YEAR	—	24.4	32.7	19.5	83	23.6	4.3	736.1	59	1.8	3.06

Absolute Max. 39.0 °C.

Absolute Min. 10.9 °C.

Max. Rain in 1 day 84.3 mms.

## WAU.

YEAR.	PRESSURE	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	Mean. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10)	Total (mm.)	Days with 1 mm. or over.	Mean. (0-12)	Plebe.
<b>1930</b>											
January	960.6	23.4	34.8	14.1	58	18.5	3.5	3.1	1	2.5	11.26
February	59.2	26.3	37.2	—	48	18.2	3.5	0.0	0	2.5	13.08
March	58.6	28.5	38.3	—	39	16.0	4.5	8.8	1	2.8	13.11
April	59.6	27.4	35.2	22.2	66	23.6	5.6	94.5	5	2.7	10.13
May	60.7	27.6	35.6	22.0	66	23.6	5.4	92.0	13	2.7	9.35
June	61.5	25.9	33.4	20.8	74	24.3	5.8	203.7	14	3.0	4.88
July	61.9	26.0	32.9	20.8	70	23.4	5.8	188.0	13	2.8	4.82
August	61.9	26.0	32.8	20.6	73	24.1	5.7	156.4	12	3.0	5.09
September	61.5	26.1	—	21.0	72	24.1	5.5	199.2	11	2.8	5.02
October	61.1	26.4	—	20.9	70	24.1	5.3	100.4	11	2.8	6.22
November	60.7	26.9	—	19.3	68	23.9	4.1	0.0	0	2.5	9.02
December	60.2	26.9	37.7	18.6	58	20.9	3.8	0.0	0	2.6	10.79
YEAR	960.6	26.4	—	—	64	22.1	4.9	1046.1	81	2.7	8.56

Absolute Max. 44.0 °C.

Absolute Min. 10.0 °C.

Max. Rain in 1 day 71.9 mms.

## YUBO.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	8 h.	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 mm. or over.	8 h. (0-12)	Piche.
	(m.b.)										
<b>1930</b>											
January	—	24.9	32.0	17.8	73	18.5	1.9	8.0	1	4.2	—
February	—	27.2	34.4	19.9	83	24.0	3.3	27.0	3	3.6	—
March	—	26.5	32.8	20.2	77	21.8	4.9	31.0	3	4.3	—
April	—	24.7	29.8	19.6	90	23.6	6.0	191.0	9	3.9	—
May	—	25.0	30.2	19.7	90	24.7	4.0	93.5	9	2.7	—
June	—	23.6	28.4	18.8	90	23.8	5.4	200.0	14	2.8	—
July	—	23.2	28.0	18.5	92	23.9	4.4	182.0	12	2.7	—
August	—	23.6	28.8	18.4	92	23.9	3.9	186.0	10	3.3	—
September	—	24.0	29.3	18.6	85	22.8	4.6	347.0	14	2.8	—
October	—	24.0	29.3	18.8	83	22.4	5.0	107.0	11	3.0	—
November	—	26.1	31.6	20.6	73	20.4	3.4	70.7	1	3.9	—
December	—	26.6	33.2	19.9	60	17.4	1.8	6.0	2	4.2	—
YEAR	—	25.0	30.6	19.2	82	22.3	4.0	1449.2	89	3.4	—

Absolute Max. 37.0 °C.

Absolute Min. 16.0 °C.

Max. Rain in 1 day 70.0 mms.

## MONGALLA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL.		WIND FORCE.	EVAPORATION mm. per day.
	Mean.	Mean.	Mean Maximum.	Mean Minimum.	Mean (%)	Mean (m.b.)	Mean (0-10).	Total (mm.)	Days with 1 mm. or over.	Mean.	Piche.
	(m.b.)									(0-12)	
<b>1930</b>											
January	959.4	26.6	37.4	18.5	34	11.2	2.6	2.1	1	3.0	10.08
February	58.0	29.1	38.2	21.6	42	15.8	3.8	6.2	3	3.0	11.58
March	58.3	28.7	36.5	22.6	52	18.0	6.2	7.5	3	2.7	9.19
April	59.1	26.3	35.6	21.5	72	22.5	7.1	53.3	7	3.1	5.50
May	60.4	27.2	35.0	22.7	70	23.4	5.4	93.0	8	2.3	5.92
June	61.1	25.6	32.4	21.5	78	24.1	7.2	121.3	9	2.0	3.15
July	61.4	25.4	32.7	21.0	79	23.8	5.9	141.8	15	2.3	3.42
August	61.2	25.5	33.8	20.6	80	23.6	4.2	67.0	8	2.3	4.14
September	60.7	25.8	34.1	21.0	80	24.7	3.9	160.9	9	2.4	3.89
October	59.9	25.4	34.2	20.5	78	23.1	4.6	75.9	10	2.9	4.81
November	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—
YEAR	—	—	—	—	—	—	—	—	—	—	—

Absolute Max. 42.1 °C.

Absolute Min. 14.9 °C.

Max. Rain in 1 day 52.8 mms.

## TORIT.

YEAR	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		8 h.	Mean.	Mean Maximum.				Total (mm.)	Days with 1 mm. or over.		
		(m.b.)									
<b>1930</b>											
January ...	—	28.3	38.3	18.1	38	12.1	1.5	Drops	0	—	11.96
February	—	30.4	38.9	21.9	49	16.3	1.6	4.4	1	—	14.49
March	—	24.9	37.9	21.9	58	20.1	3.3	8.95	4	—	8.64
April	—	28.1	35.4	20.8	77	23.0	3.7	15.85	12	—	4.09
May ...	—	28.2	36.1	20.2	71	22.5	1.8	84.0	9	—	4.81
June	—	25.4	30.9	19.8	81	19.2	1.7	22.23	14	1.3	3.14
July ...	—	25.3	32.0	19.0	76	17.0	3.8	95.3	7	0.8	4.02
August ...	—	25.1	31.9	19.3	79	17.0	3.4	12.14	8	1.2	4.15
September	—	20.2	32.0	19.0	74	21.3	2.3	17.05	6	1.3	4.57
October ..	—	26.4	33.7	19.1	70	21.5	2.7	10.42	10	1.6	5.63
November	—	27.2	35.9	19.8	59	21.4	1.4	9.5	1	1.8	8.06
December	—	27.8	37.1	18.6	45	17.3	1.1	14.8	1	2.9	13.72
YEAR ...	—	27.4	35.1	19.7	64	20.5	2.5	1149.7	73	—	7.27

Absolute Max. 41.2 °C.

Absolute Min. 14.2 °C.

Max. Rain in 1 day 76.5 mms.

## LOKA.

YEAR	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY. 8 h. (%)	VAPOUR PRESSURE. 8 h. (m.b.)	CLOUD AMOUNT.	RAINFALL.		WIND FORCE. 8 h. (0-12)	EVAPORATION mm. per day. Piche.
		8 h.	Mean.	Mean Maximum.				Total (mm.)	Days with 1 mm. or over.		
		(m.b.)									
<b>1930</b>											
January ...	—	25.3	32.4	15.2	45	12.9	2.4	6.3	1	2.5	10.26
February	—	27.0	33.7	20.4	47	15.1	3.6	9.3	2	1.2	10.12
March	—	26.4	32.3	20.4	—	—	5.3	21.6	6	1.7	7.69
April	—	23.8	29.1	15.6	79	20.9	4.9	276.0	16	1.2	3.65
May	—	24.4	29.6	18.9	78	21.6	3.9	87.1	12	1.2	3.85
June	—	23.2	28.3	18.1	84	21.4	6.2	187.3	13	1.0	2.61
July	—	23.0	28.1	17.8	84	21.3	7.3	295.9	18	1.1	2.78
August ...	—	23.2	28.5	17.8	87	21.7	5.9	171.7	16	1.0	2.88
September	—	23.8	29.3	18.4	83	21.3	5.5	204.8	14	0.9	3.39
October ...	—	—	29.5	—	79	20.9	5.2	271.8	13	1.1	3.73
November	—	25.1	31.8	18.4	66	19.4	2.7	3.8	2	0.7	6.50
December	—	26.0	33.0	19.0	58	17.4	2.1	51.2	2	1.5	8.95
YEAR ...	—	—	30.5	—	—	—	4.6	1496.8	115	1.3	5.53

Absolute Max. 38.7 °C.

Absolute Min. 14.5 °C.

Max. Rain in 1 day 66.1 mms.

## LERUA.

YEAR.	PRESSURE.	AIR TEMPERATURE (CENTIGRADE).			RELATIVE HUMIDITY.	VAPOUR PRESSURE.	CLOUD AMOUNT.	RAINFALL		WIND FORCE.	EVAPORATION mm. per day.
	8 h. (m.b.)	Mean.	Mean Maximum.	Mean Minimum.	8 h. (%)	8 h. (m.b.)	8 h. (0-10).	Total (mm.)	Days with 1 min. or over.	8 h. (0-12)	Piche.
<b>1930</b>											
January	—	24·6	33·8	15·5	46	12·9	2·1	8·0	1	1·4	9·35
February	—	25·3	33·9	16·7	46	13·9	3·1	28·0	4	2·4	8·81
March	—	23·0	30·1	15·8	65	17·2	4·6	108·0	11	2·4	4·12
April	—	20·6	26·6	14·6	74	18·5	4·0	290·0	20	1·7	2·38
May	—	20·6	26·6	14·7	68	16·9	2·5	134·0	16	3·4	3·21
June	—	20·4	26·6	14·3	72	17·1	4·1	167·0	19	1·9	2·69
July	—	20·0	25·9	14·1	70	16·9	4·4	93·0	14	2·8	3·07
August	—	20·1	26·3	13·9	75	17·8	4·1	186·0	21	1·3	2·38
September	—	20·8	27·3	14·4	76	18·2	3·5	237·0	24	1·2	2·66
October	—	20·8	27·5	14·0	73	18·1	3·8	242·0	19	1·6	2·98
November	—	23·2	31·7	14·8	60	16·7	2·3	42·0	8	1·2	5·31
December	—	24·2	33·3	15·0	49	14·1	1·8	39·0	2	1·3	8·69
YEAR	—	22·0	29·1	14·8	64	16·5	3·4	1574·0	159	1·9	4·64

Absolute Max. 38·3 °C.

Absolute Min. 12·0 °C.

Max. Rain in 1 day 52·0 mms.

## DURATION OF BRIGHT SUNSHINE.

	ALEXANDRIA.		PORT SAID.		GEMMIMA.		TANTA.		GIZA.		KHARTOUM.	
	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.
<b>1930</b>												
January	7.1	69	7.3	71	6.8	66	6.9	67	6.9	66	10.4	92
February	7.7	70	7.7	70	7.8	71	7.4	67	8.2	74	11.1	96
March	10.1	84	9.5	79	9.8	82	9.4	78	9.5	79	10.7	89
April	10.2	79	9.5	74	10.2	79	10.0	78	9.7	75	10.9	88
May	12.1	88	12.1	88	—	—	11.7	85	12.0	88	10.3	80
June	12.2	87	12.4	88	—	—	12.1	86	12.0	86	9.7	75
July	12.4	89	12.5	90	—	—	12.0	86	12.1	87	8.5	66
August	12.4	94	11.8	89	11.9	90	11.4	86	11.5	87	9.1	72
September	11.4	93	11.1	90	10.9	89	10.3	84	10.8	87	10.0	82
October	10.1	89	9.9	87	9.8	86	9.5	83	9.9	86	10.8	92
November	8.7	83	9.1	87	8.6	82	7.6	72	9.0	84	10.7	94
December	5.6	55	5.2	51	5.6	55	5.0	50	5.3	52	10.7	96
YEAR	10.0	82	9.8	80	—	—	9.4	77	9.7	79	10.2	85

N.B.:—For Observations at Helwan see page 13.

	WAD MEDANI.		HAIFA.		JENIN.		JERICHO.		ACRE.		BEIRAM.	
	Hours.	Per Cent of Possible	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.	Hours.	Per Cent of Possible.
<b>1930</b>												
January	10.0	88	5.0	50	—	—	6.3	62	6.3	62	5.4	53
February	10.8	93	6.0	56	6.6	61	6.5	60	6.4	59	6.3	58
March	10.6	88	9.1	77	9.0	76	9.9	84	10.0	85	9.5	81
April	9.6	77	8.9	70	9.7	76	9.8	77	9.9	77	9.6	75
May	10.1	79	—	—	12.1	89	11.1	82	12.2	90	12.3	90
June	—	—	—	—	12.1	86	11.7	83	11.0	78	12.0	85
July	—	—	—	—	12.6	91	11.6	83	12.0	86	12.9	93
August	8.7	69	10.7	81	12.0	91	11.5	87	12.0	91	12.2	92
September	9.9	81	9.6	78	—	—	11.3	92	11.2	91	11.2	91
October	10.6	90	8.8	78	10.0	88	10.5	93	10.0	88	10.2	90
November	10.7	94	7.2	69	7.8	75	8.6	83	8.1	78	7.9	76
December	10.0	89	4.8	48	5.5	56	6.5	66	5.5	56	5.5	56
YEAR	—	—	—	—	—	—	9.6	79	9.6	78	9.6	78

**ACTINOMETRIC OBSERVATIONS (°C) 1930.**

	January.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.
<b>Alexandria at 14<sup>h</sup>.</b>												
Black Bulb in Vacuo ... ...	32.3	35.3	42.9	44.9	50.0	50.9	51.6	52.3	50.0	47.8	42.2	34.9
Absolute Black Bulb ... ...	40	40	49	58	64	63	58	54	52	52	46	42
Date ... ...	10, 11, 13	Several Dates	12	30	3	Several Dates	15	Several Dates	21, 25, 26	25, 27	5, 7	Several Dates
<b>Giza (Cotton Research Board) daily Maximum.</b>												
Black Bulb in Vacuo... ...	-	55.9	60.1	64.5	65.3	66.5	65.8	64.5	64.5	60.2	53.4	46.2
Absolute Black Bulb... ...	-	64.0	66.5	71.5	71.5	73.6	69.0	66.0	69.0	64.3	59.3	54.0
Date ... ...	-	27	30	30	3	11	27	3	25	4	1	2
<b>Aswan daily Maximum.</b>												
Black Bulb in Vacuo ... ...	47.7	53.5	61.0	69.5	72.3	74.9	75.1	73.8	71.1	66.3	56.3	51.2
Bright " " ... ...	27.2	31.5	38.1	46.8	49.6	52.3	52.7	52.1	50.4	46.2	38.6	34.7
Absolute Black Bulb ... ...	57.0	59.5	67.5	76.0	78.0	80.5	78.5	77.5	77.0	70.0	62.0	59.0
Date ... ...	31	21	27	18	28	16	7	23	3	15, 16	8	22
Absolute Bright Bulb... ...	33.0	37.0	45.0	59.0	55.0	57.5	57.0	55.5	59.5	51.0	48.6	39.5
Date ... ...	80	9	81	8	28	16	7	26	28	8	1	21, 22

N.B.—For Observations at Helwan see page 13.

**RIVER TEMPERATURE (°C) 1930.**

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
--	------	------	------	------	------	-------	-------	------	-------	------	------	------

**Aswan Reservoir.**

	Readings every Wednesday at 7 h. Depth 1·5 metres.											
1st. Week.	16·0	16·0	17·0	19·5	22·0	27·5	28·5	29·0	28·0	25·5	19·0	21·0
2nd. ,	5·0	17·0	18·0	21·0	23·0	27·0	28·0	28·5	26·5	23·0	18·0	19·0
3rd. ,	16·0	16·0	18·0	21·5	21·0	28·5	28·0	28·0	26·0	20·0	21·0	19·5
4th. ,	16·0	17·0	19·0	21·0	26·5	28·0	28·5	28·5	25·5	19·0	20·0	20·5
5th. ,	16·0	—	—	20·0	—	—	27·5	—	—	19·5	—	20·0
Mean. ... ... ...	15·8	16·5	18·0	20·6	23·9	28·0	28·1	28·5	26·5	21·4	19·5	20·0

**Atf (8h. daily readings).**

1930 ... ... ... ...	14·1	14·8	17·6	20·7	23·2	26·8	28·0	27·5	26·0	23·6	—	16·7
Highest Reading	14·7	16·0	20·0	22·6	25·5	27·5	29·0	29·5	27·0	25·3	—	17·5
Lowest Reading	13·0	13·5	14·0	18·5	21·5	25·7	26·8	26·0	25·3	22·5	—	15·5

**Delta Barrage (8h. daily readings).**

1930 ... ... ... ...	14·5	14·9	16·6	19·7	23·0	25·2	—	26·1	25·7	23·7	20·8	17·6
Highest Reading	15·4	15·7	18·9	21·0	23·8	26·2	—	27·2	26·2	25·9	23·0	18·0
Lowest Reading	13·8	14·0	14·5	17·5	21·5	23·8	—	25·0	23·5	22·5	18·0	17·0

**Asyut (8h. daily readings).**

1930 ... ... ... ...	15·4	—	—	21·9	24·6	26·4	27·3	—	—	21·4	20·5	18·5
Highest Reading	16·3	—	—	24·0	26·0	29·0	28·2	—	—	25·7	23·0	21·7
Lowest Reading	14·5	—	—	19·5	23·0	25·0	25·5	—	—	23·5	18·0	17·5

**Zeraf Cut (8h. daily readings).**

1930 ... ... ... ...	22·5	24·8	26·6	27·5	28·4	26·9	27·0	26·9	27·4	27·2	26·7	25·8
Highest Reading	23·6	27·0	29·0	29·0	29·2	28·9	28·3	27·7	28·6	28·1	27·6	26·5
Lowest Reading	21·5	22·6	24·3	26·0	27·0	25·8	25·7	25·9	26·4	26·4	25·8	23·0

Note:—Asyut temperature at 14h averaged 0·3 °C. to 0·4 °C. higher than temperature at 8h.

Zeraf Cut     "     "     "     0·5 °C. to 0·6 °C.     ,     "     "

**EARTH TEMPERATURE (°C).**

From Daily Readings at 14 h.

	Depth of Thermometers Metres.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		—	—	—	—	—	—	—	—	—	—	—	—
<b>Giza (Cotton Research Board).</b>													
1900... ... ... ... ...	0·60	15·5	16·4	18·1	21·0	24·4	27·8	28·1	28·4	29·0	26·7	23·2	20·1
	1·10	18·5	18·1	18·8	20·5	22·5	24·9	26·5	27·3	27·1	26·7	24·6	22·2
	2·09	20·5	19·6	19·4	20·1	21·5	23·2	24·6	25·4	25·7	25·9	25·1	23·5
<b>Sakha.</b>													
1900... ... ... ... ...	0·60	17·7	17·4	18·6	21·4	24·2	25·5	—	—	29·4	26·6	—	—
	1·10	20·1	19·1	19·2	21·3	22·6	24·2	—	—	28·4	25·8	—	—
<b>Qasr el Gebali.</b>													
1900... ... ... ... ...	0·60	17·8	18·5	20·7	24·4	27·3	31·1	32·8	33·5	31·9	29·1	24·6	20·2
	1·10	20·0	19·6	20·2	22·7	25·1	28·1	29·9	30·9	30·0	29·0	25·3	21·2

# **RAINFALL TABLES**

**1930.**

## RAINFALL 1930.

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.	R	D	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
			7	1	1	0	0	0	0	0	0	0	3	15	
<b>Egypt.</b>															
Sidi Barrani ... ... ... ... {	R	31·3	6·7	13·5	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	22·0	36·5	110·0
	D	7	1	1	0	0	0	0	0	0	0	0	3	3	15
Ras el Dab'a ... ... ... ... {	R	126·5	16·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	35·0	57·0	234·5
	D	9	3	0	0	0	0	0	0	0	0	0	4	4	20
Acmria ... ... ... ... {	R	108·5	10·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	20·0	17·5	165·0
	D	8	2	0	0	0	0	0	0	0	0	0	4	4	18
Borg el 'Arab ... ... ... ... {	R	156·2	21·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	7·5	25·5	39·5	249·7
	D	8	4	0	0	0	0	0	0	0	0	1	3	5	21
Hammam ... ... ... ... {	R	151·0	23·0	2·0	1·5	0·0	0·0	0·0	0·0	0·0	0·0	0·0	4·0	43·0	224·5
	D	11	4	1	1	0	0	0	0	0	0	0	2	5	24
Mex ... ... ... ... {	R	88·4	23·7	1·1	3·0	0·0	0·0	0·0	0·0	0·0	0·0	19·2	20·3	25·5	181·2
	D	10	3	1	1	0	0	0	0	0	0	1	5	7	28
Boseili ... ... ... ... {	R	137·0	16·0	2·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	30·5	32·0	217·5
	D	10	3	1	0	0	0	0	0	0	0	0	4	7	25
Tolombat ... ... ... ... {	R	117·0	10·5	7·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	26·0	40·0	200·5
	D	11	4	2	0	0	0	0	0	0	0	0	6	9	32
Kom el Tarfala ... ... ... ... {	R	168·0	33·0	8·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	30·0	59·0	298·0
	D	12	4	1	0	0	0	0	0	0	0	0	4	8	29
Borollo L.H. ... ... ... ... {	R	45·8	38·8	0·0	1·5	0·0	0·0	0·0	0·0	0·0	0·0	0·0	33·9	28·4	148·4
	D	11	6	0	1	0	0	0	0	0	0	0	4	6	28
El 'Atf ... ... ... ... {	R	64·0	22·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	10·0	58·0	154·0
	D	9	5	0	0	0	0	0	0	0	0	0	2	7	23
Kafr el Dawar ... ... ... ... {	R	106·0	18·0	4·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	17·0	42·0	187·0
	D	8	4	2	0	0	0	0	0	0	0	0	3	9	26
Hosh Isa ... ... ... ... {	R	44·0	15·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	9·0	23·0	91·0
	D	6	2	0	0	0	0	0	0	0	0	0	2	6	16
Damietta L.H. ... ... ... ... {	R	35·3	66·5	40·0	3·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	15·5	25·5	191·8
	D	10	7	3	1	0	0	0	0	0	0	0	6	5	32
El 'Arish ... ... ... ... {	R	38·0	23·0	22·5	19·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	8·0	110·5
	D	7	5	2	4	0	0	0	0	0	0	0	0	3	21
El Themed ... ... ... ... {	R	9·0	5·0	7·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	9·0	30·0
	D	2	1	1	0	0	0	0	0	0	0	0	0	1	5
Ismailia ... ... ... ... {	R	11·5	13·0	26·0	22·0	0·5	0·0	0·0	0·0	0·0	0·0	0·0	4·5	7·0	84·5
	D	4	3	1	2	0	0	0	0	0	0	0	1	1	12
Faqus ... ... ... ... {	R	71·0	11·7	4·0	11·1	0·0	0·0	0·0	0·0	0·0	0·0	Drops	0·0	18·5	132·3
	D	8	4	3	2	0	0	0	0	0	0	0	0	1	20
Kafr el Sheikh ... ... ... ... {	R	18·0	9·0	0·0	1·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	7·0	26·0	61·0
	D	1	2	0	1	0	0	0	0	0	0	0	3	6	13
Kafr el Zayat ... ... ... ... {	R	82·0	16·0	12·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	24·5	16·0	157·5
	D	8	1	0	0	0	0	0	0	0	0	0	2	2	15
<b>Sudan.</b>															
Abu Hamed ... ... ... ... {	R	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	12·0
	D	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Sallom ... ... ... ... {	R	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	15·5	2·0	17·5
	D	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Sinkat ... ... ... ... {	R	0·0	0·0	0·0	0·0	0·0	0·0	0·0	42·6	Drops	10·4·2	4·0	Drops	0·0	0·0
	D	0	0	0	0	0	0	0	3	0	6	2	0	0	150·8
Talgwareb ... ... ... ... {	R	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	76·8	0·2	0·0	0·0	78·7
	D	0	0	0	0	0	0	0	0	0	4	0	0	0	4
Thamian ... ... ... ... {	R	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	38·0	8·0	0·0	0·0	55·0
	D	0	0	0	0	0	0	0	1	0	3	1	0	0	5
Akik ... ... ... ... {	R	15·8	27·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	27·9	18·4	98·7
	D	2	4	0	0	0	0	0	0	0	1	0	3	1	11
Karora ... ... ... ... {	R	40·7	27·0	1·2	6·6	0·0	0·0	0·0	13·6	12·4	0·0	50·8	4·4	36·1	192·8
	D	2	7	1	2	0	0	0	3	2	0	3	1	5	26
Khashm el Girba ... ... ... ... {	R	0·0	0·0	0·0	0·0	0·0	0·0	0·0	58·1	85·0	179·2	30·4	0·0	0·0	352·7
	D	0	0	0	0	0	0	0	8	7	14	3	0	0	32

## RAINFALL 1930 (continued).

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.	
<b>Sudan (contd.).</b>															
Gedaref ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	19.5 2	142.0 14	196.1 8	217.8 14	29.1 0	7.5 1	0.0 0	0.0 0	612.0 45
Abu Deleig ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	7.2 2	23.0 4	143.4 10	9.4 3	0.0 0	0.0 0	0.0 0	0.0 0	183.0 18
Khartoum Irrign...	... ... ...	R D	0.0 0	0.0 0	Drops 0	0.0 0	6.2 2	8.3 2	12.8 3	173.9 9	30.0 3	0.2 0	Drops 0	0.0 0	231.4 19
Kamlin ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	20.0 4	115.0 10	125.0 9	36.0 2	8.0 1	0.0 0	0.0 0	0.0 0	304.0 26
Rufaca ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	5.0 1	20.0 2	121.0 4	178.5 10	20.5 4	0.0 0	0.0 0	0.0 0	345.0 31
Hasaa Heissa ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	11.3 1	29.5 6	132.7 8	196.5 9	23.4 2	1.6 1	0.0 0	0.0 0	395.0 27
Wad Medani (Irrign)...	... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	4.9 2	55.3 7	114.3 8	205.3 9	43.0 4	2.0 1	Drops 0	0.0 0	424.8 31
Managil ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	1.0 1	68.4 6	91.5 7	159.5 8	13.5 3	0.0 0	0.0 0	0.0 0	333.9 25
Wad Haddad ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	29.4 4	151.4 9	79.4 7	100.2 8	43.0 2	42.0 1	0.0 0	0.0 0	445.4 31
Mafaza ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	0.3 0	209.8 11	249.4 10	198.6 9	45.7 5	23.3 2	31.3 2	0.0 0	758.4 39
Abu Hashim...	... ... ... ...	R D	— —	— —	— —	— —	— —	96.0 8	187.9 9	177.9 9	43.8 3	22.8 2	0.0 0	— —	Observations taken during flood only.
Karkoj ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	2.4 1	52.9 9	162.1 13	328.9 8	3.4 1	0.5 0	1.0 1	0.0 0	551.2 33
Dar Fung ...	... ... ... ...	R D	0.0 0	0.0 0	24.0 3	73.3 6	193.7 9	142.5 12	130.1 12	178.4 9	78.0 6	0.0 0	0.0 0	0.0 0	820.0 57
Heiban ...	... ... ... ...	R D	— —	— —	5.0 3	150.0 8	102.0 5	116.0 10	162.5 14	83.0 9	51.0 8	2.5 1	0.0 0	0.0 0	Observations taken during flood only.
Kurmuk...	... ... ... ...	R D	0.0 0	0.0 0	22.2 3	202.5 17	139.5 12	139.0 13	129.5 17	133.5 15	79.0 8	11.8 1	23.6 1	880.6 67	
Geteina ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	6.2 1	23.8 2	96.3 5	122.1 7	22.5 3	0.0 0	0.0 0	0.0 0	270.9 18
Kosti ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	15.9 3	124.6 6	111.2 6	131.2 8	47.7 5	44.3 3	0.0 0	0.0 0	474.9 31
Jebelein ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	0.1 0	100.6 6	82.1 7	88.7 7	51.3 5	21.5 2	11.5 1	0.0 0	355.8 28
Tendelti ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	56.8 3	48.5 4	168.7 6	130.3 11	64.2 6	13.3 1	0.0 0	0.0 0	471.8 31
Renk ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	Drops 0	20.8 6	71.3 7	85.5 6	186.4 13	60.7 9	30.4 2	0.0 0	485.1 43
Melut ...	... ... ... ...	R D	0.0 0	0.0 0	0.1 0	0.4 0	34.9 5	59.6 5	99.1 8	160.6 8	44.5 5	54.2 4	0.0 0	0.0 0	453.4 35
Kodok ...	... ... ... ...	R D	0.0 0	0.0 0	Drops 0	27.7 3	65.3 7	93.3 7	71.5 7	166.1 12	50.8 5	77.3 4	Drops 0	Drops 0	552.0 45
Tonga ...	... ... ... ...	R D	0.0 0	0.0 0	20.4 1	80.5 6	41.1 5	85.3 8	171.1 12	109.4 10	66.4 3	90.1 11	0.0 0	0.0 0	664.3 56
Bara...	... ... ... ...	R D	0.0 0	0.0 0	3.4 1	0.0 0	9.0 1	26.0 3	35.5 3	218.2 11	32.5 3	0.0 0	0.0 0	0.0 0	324.6 22
Om Ruaba ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	17.8 2	80.5 5	122.5 8	95.1 13	14.7 4	28.9 3	0.0 0	0.0 0	359.5 35
El Nahud ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	80.9 5	10.3 2	138.5 9	71.8 7	26.7 5	3.5 1	c.0 0	0.0 0	331.7 29
Al Rahad ...	... ... ... ...	R D	0.0 0	0.0 0	0.0 0	0.0 0	16.5 3	51.8 5	85.0 11	163.2 10	15.9 4	27.3 4	0.0 0	0.0 0	350.7 37
Rashad ...	... ... ... ...	R D	0.0 0	0.0 0	14.5 2	117.5 9	128.5 5	225.5 11	247.0 14	52.5 9	82.0 7	0.0 0	0.0 0	0.0 0	867.5 57
Dilling ...	... ... ... ...	R D	0.0 0	0.0 0	0.5 0	0.4 0	81.2 8	71.0 6	275.3 11	136.5 12	147.9 13	89.6 4	10.0 1	0.0 0	812.4 55
Kuttum ...	... ... ... ...	R D	— —	— —	0.0 0	0.0 0	3.0 1	40.0 5	243.0 14	212.0 18	63.5 3	9.0 2	— —	— —	Observations were not recorded during dry season.

## RAINFALL 1930 (continued).

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
<b>Sudan. (Contd.).</b>														
Geneina ... ... ... ... { R D	0·0 0	0·0 0	Drops 0	3·5 1	15·5 2	69·2 3	210·5 18	222·0 14	106·0 5	8·5 3	0·0 0	0·0 0	635·7 46	
Zalengei ... ... ... ... { R D	0·0 0	0·0 0	0·0 0	Drops 0	37·5 5	124·0 14	227·0 13	182·5 18	54·0 8	1·0 1	0·0 0	0·0 0	626·0 59	
Nyala ... ... ... ... { R D	0·0 0	0·0 0	2·7 1	10·9 1	134·7 5	39·8 5	290·7 13	182·9 11	82·8 7	0·0 0	0·0 0	0·0 0	744·5 43	
Kadugli ... ... ... ... { R D	0·0 0	0·0 0	15·8 1	0·0 0	42·9 5	141·2 6	161·2 13	98·7 7	172·0 12	108·2 7	0·0 0	0·0 0	740·0 51	
Talodi ... ... ... ... { R D	0·0 0	0·0 0	0·0 0	14·8 6	121·0 10	118·1 8	75·5 13	263·5 17	75·5 7	89·7 8	10·9 2	0·0 0	760·0 71	
Abwong ... ... ... ... { R D	0·0 0	0·0 0	15·1 1	47·8 3	64·5 8	76·7 12	29·5 3	105·3 8	71·5 9	67·2 4	0·0 0	0·0 0	477·6 48	
Nasser ... ... ... ... { R D	0·0 0	0·0 0	5·7 2	66·5 4	21·0 5	130·3 10	35·3 7	165·8 14	123·5 7	14·4 1	0·3 0	0·0 0	562·8 50	
Akobo Post ... ... ... ... { R D	0·0 0	0·0 0	0·0 0	116·2 8	111·8 7	200·6 11	104·1 5	86·1 8	747·8 7	59·0 5	59·7 5	5·2 1	890·5 57	
Pibor Post ... ... ... ... { R D	26·0 3	7·1 3	75·2 4	218·1 15	100·4 9	168·1 10	40·0 6	117·7 8	71·6 3	133·0 5	5·8 2	13·0 2	985·0 70	
Meshra el Rek ... ... ... ... { R D	0·0 0	0·0 0	12·0 1	25·0 1	97·3 6	207·0 9	48·7 4	157·0 12	159·8 6	64·9 6	0·0 0	0·0 0	771·7 45	
Rumbek ... ... ... ... { R D	0·0 0	0·0 0	1·4 1	202·5 8	155·7 6	141·6 5	105·8 4	149·0 8	28·3 3	45·8 3	0·0 0	0·0 0	830·1 38	
Meridi ... ... ... ... { R D	7·8 1	3·4 4	36·0 13	232·6 10	104·5 13	201·0 13	177·2 11	190·6 11	94·3 9	263·8 14	102·8 3	14·6 1	1428·6 91	
Yambio ... ... ... ... { R D	30·5 3	5·5 1	35·1 3	68·4 4	171·2 7	111·7 9	78·4 6	231·7 13	185·0 8	165·3 7	32·8 5	8·0 1	1123·6 67	
Fangak ... ... ... ... { R D	0·0 0	0·0 0	14·5 2	43·3 4	113·1 8	219·4 11	117·6 8	306·2 12	74·7 7	168·0 8	0·0 0	0·0 0	1056·8 60	
Ghaba Shambé ... ... ... ... { R D	0·0 0	0·0 0	71·0 3	45·0 3	111·9 5	336·4 10	163·1 8	148·7 8	41·3 4	76·1 4	19·8 1	0·0 0	1013·3 40	
Bor ... ... ... ... { R D	0·0 0	0·1 0	20·6 4	113·5 9	79·0 10	182·8 13	101·5 4	54·6 5	124·8 12	74·9 6	33·5 3	7·3 1	792·6 67	
Malek ... ... ... ... { R D	0·0 0	0·1 0	37·1 3	78·2 9	83·6 8	124·9 12	52·0 5	78·6 8	94·7 9	65·2 6	14·7 4	10·2 1	639·3 65	
Terrikaka ... ... ... ... { R D	0·0 0	6·5 2	31·0 5	151·5 10	85·5 6	163·3 7	143·0 8	17·1 4	42·7 7	128·1 8	Drops 0	17·0 2	786·6 59	
Amadi ... ... ... ... { R D	0·0 0	0·0 0	5·0 1	241·5 11	162·0 11	219·0 10	160·0 9	234·0 11	175·0 6	33·0 2	15·0 1	8·0 2	1250·5 64	
Juba ... ... ... ... { R D	Drops 0	4·0 2	26·0 5	93·0 8	165·0 8	87·5 8	32·9 4	119·3 7	144·3 9	77·0 8	0·8 2	55·1 3	814·5 64	
Rejaf ... ... ... ... { R D	0·0 0	9·3 1	29·3 6	104·8 9	86·2 7	216·9 10	80·0 8	137·1 11	90·4 9	106·2 11	5·7 2	37·4 2	903·3 76	
Yei ... ... ... ... { R D	5·6 1	14·6 2	63·4 6	139·7 15	97·5 8	123·0 12	118·6 12	260·8 15	225·2 16	314·0 14	5·1 2	17·8 3	1385·3 106	
Opari ... ... ... ... { R D	0·0 0	19·0 2	27·3 3	223·1 17	52·0 6	204·3 9	198·0 11	126·9 11	57·8 6	202·4 15	10·0 1	14·5 3	1135·3 85	
Kajo Kaji ... ... ... ... { R D	2·3 1	28·6 5	90·9 8	266·2 17	94·0 9	217·1 12	58·3 8	110·3 10	100·5 11	225·0 16	5·0 2	44·9 5	1243·1 104	
Nimule ... ... ... ... { R D	2·5 1	53·7 3	36·7 5	147·2 14	43·7 7	170·6 8	79·1 6	115·7 9	135·6 9	207·4 11	46·8 7	26·2 3	1074·2 83	
Meshra Surur ... ... ... ... { R D	1·1 1	58·0 4	59·7 8	156·0 13	76·9 7	215·1 8	74·0 6	116·4 10	132·8 9	209·4 11	43·6 7	27·5 3	1170·5 87	
<b>Abyssinia.</b>														
Adis Ababa ... ... ... ... { R D	69·4 7	39·4 6	173·1 13	189·8 11	79·1 8	130·4 22	397·2 29	168·5 23	160·1 14	34·2 4	0·0 0	19·5 2	1460·7 139	
Adami Tullu... ... ... ... { R D	42·9 3	48·0 3	82·2 9	76·1 6	31·3 3	125·1 10	119·9 8	87·5 5	52·5 8	32·9 3	0·0 0	157·1 1	855·5 59	

RAINFALL 1930 (*continued*).

R is rainfall in millimetres.

D is number of days with at least one millimetre of rain.

STATION.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Y MAX.
Goré	{ R D	152·2 9	71·9 7	104·9 4	180·9 10	290·9 14	219·2 15	294·5 17	321·2 21	324·3 15	208·2 10	38·8 2	24·3 4	2231·3 128
Saiyo	{ R D	36·3 3	89·6 6	51·1 6	52·0 5	264·2 15	139·3 10	236·5 18	134·0 11	89·0 7	49·0 2	109·0 6	0·0 0	1250·0 89
Dangila	{ R D	7·8 2	5·1 1	2·0 1	29·3 5	101·1 12	224·5 25	365·0 30	208·8 26	109·5 14	54·4 5	5·6 2	15·3 2	1128·4 125
<b>Somaliland.</b>														
Djibouti	{ R D	72·0 17	6·5 3	4·0 3	14·0 1	Drops 0	Drops 0	0·0 0	9·5 1	0·8 0	16·0 3	0·0 0	82·6 3	205·4 31

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Abbreviations:	Q.J.R. Met. Soc. = Quarterly Journal of the Royal Meteorological Society.
	C.S.J. = Cairo Scientific Journal.
	Met. Mag. = Meteorological Magazine.
	P.D.P. = Physical Department Paper.
	S.D.P. = Survey Department Paper.
	S.N. = Survey Notes.

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